

**HAWTHORNE REGULATOR STATION
CHICAGO, ILLINOIS**

**COMPREHENSIVE
SITE INVESTIGATION REPORT**

Prepared for

**THE PEOPLES GAS
LIGHT and COKE COMPANY**

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EXECUTIVE SUMMARY

In conformance with the Illinois Site Remediation Program (SRP), The Peoples Gas Light and Coke Company (Peoples Gas) engaged Burns & McDonnell to perform a comprehensive site investigation (SI) at the Hawthorne Regulator Station, a portion of the former Hawthorne Avenue Station Gas Storage Facility site in Chicago, Illinois. This comprehensive SI report presents SI findings from field activities conducted in June 2002.

The Hawthorne Regulator Station (Site) is located in Section 32, Township 40 North, Range 14 East in the City of Chicago, Cook County, Illinois. The Site, an active natural gas regulating station, is located on a part of the former Hawthorne Avenue Station Gas Storage Facility, encompassing 0.43 acres of the original 2.5 acre site that existed east of Kingsbury Street between Willow and Wisconsin Streets. The northern portion of the former Hawthorne Avenue Station is owned by Commonwealth Edison Company and is currently used as a transformer station and equipment storage yard. The southern portion of the former Hawthorne Avenue Station Gas Storage Facility consists of two parcels. One parcel is owned by Marcey Properties, LLC and the other by Peoples Gas. The Hawthorne Regulator Station, the subject of this report, is located on the northern portion of the Peoples Gas parcel between Kingsbury Street and Marcey Street.

According to available information, the Ogden Gas Company constructed Hawthorne Avenue Station Gas Storage Facility in 1905. The Hawthorne Avenue Station Gas Storage Facility included a water-seal 5,000,000 cubic foot (ft^3) gas holder located at the corner of Wisconsin and Marcey Streets. In addition to the 5,000,000 ft^3 gas holder, a compression tank, a shop building, boiler house, exhauster house, garage, chimney and pipe shed were also located on the facility. In 1907, Peoples Gas began leasing the property from Ogden Gas Company. Operations at the facility ceased in 1921. In 1958, the 5,000,000 ft^3 gas holder was taken out of service and dismantled the following year. Currently, the Site is utilized as a natural gas regulating station and mostly covered by asphalt.

SI field activities were conducted in June 2002. Due to several utilities located onsite, air knifing was conducted to assist with sample locations. A total of twenty-six (26) soil probes were advanced at various locations at the Site. Surface and subsurface soil samples were collected from soil probe locations using direct push sampling equipment. Soil samples were analyzed for target compound list (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), priority pollutant metals, and total cyanide. In addition, several samples were analyzed for toxicity characteristic leaching procedure (TCLP) lead and synthetic precipitation leaching procedure (SPLP) lead. One surface soil sample and one subsurface soil sample were analyzed for physical parameters. The groundwater was not encountered during the SI field activities. Therefore, groundwater samples could not be collected.

The following two stratigraphic units, listed in descending order from ground surface, were identified at the Site: fill and silty clay. The fill was encountered at all boring locations varying in thickness from 2 to

16 feet. Silty clay was found underlying the fill unit at depths of 2 to 22 feet below ground surface (bgs), the maximum depth of soil probes and borings. Bedrock was not encountered during the SI. Although, water was not encountered during investigations at the Site, physical soil laboratory tests and Site conditions were evaluated and support a Class II designation for any shallow groundwater that may be encountered at the Site.

During SI field activities, staining and odors were observed at sampling locations on the northwest section of the property. Staining was mainly observed from 7 to 10 feet bgs. Tar odors were observed along the northwestern property boundary near the former 5,000,000 ft³ gas holder.

Exposure routes for the Site were evaluated against industrial/commercial Tiered Approach to Corrective Action Objectives (TACO) Tier 1 screening levels as follows:

- Benzo(a)anthracene, benzo(a)pyrene, dibenzo(a,h)anthracene, total PCBs, arsenic, and lead exceeded Tier 1 soil ingestion screening levels.
- Benzene, carbon disulfide, ethylbenzene, m,p-xylene, o-xylene, and naphthalene exceeded Tier 1 soil inhalation screening levels.
- Benzene, carbazole, ethylbenzene, m,p-xylene, o-xylene, benzo(a)anthracene, naphthalene, and chromium exceeded Tier 1 Class II soil migration to groundwater screening levels.

The overall objective of the SI was to characterize surface and subsurface conditions. The objectives of the SI were met and the nature and extent of impacted areas were defined to the extent practicable given limitations caused by numerous underground utilities that exist at the Site.

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1.0 SITE CHARACTERIZATION

In conformance with the Illinois Environmental Protection Agency (Illinois EPA) Site Remediation Program (SRP), defined in Title 35, Part 740 of the Illinois Administrative Code (35 IAC Part 740), The Peoples Gas Light and Coke Company (Peoples Gas) engaged Burns & McDonnell to perform a comprehensive site investigation (SI) at the Hawthorne Regulator Station, a portion of the former Hawthorne Avenue Station Gas Storage Facility in Chicago, Illinois. This comprehensive SI report presents SI findings from field activities conducted in June 2002.

1.1 SITE DESCRIPTION

The Hawthorne Regulator Station (Site), an active natural gas regulating station, is located on a part of the former Hawthorne Avenue Station Gas Storage Facility, encompassing 0.43 acres of the original 2.5 acre Facility that existed east of Kingsbury Street between Willow and Wisconsin Streets. The northern portion of the former Hawthorne Avenue Station Gas Storage Facility is owned by Commonwealth Edison Company and is currently used as a transformer station and equipment storage yard. The southern portion of the former Hawthorne Avenue Station Gas Storage Facility consists of two parcels. One parcel is owned by Marcey Properties, LLC and the other by Peoples Gas. The Hawthorne Regulator Station, the subject of this report, is located on the northern portion of the Peoples Gas parcel between Kingsbury Street and Marcey Street. Figure 1 presents the Site location map.

The Site is located in Section 32, Township 40 North, Range 14 East in the City of Chicago, Illinois in the North Township of Cook County (City of Chicago 2003). A copy of the plat of survey is included in Appendix A. The Site is currently used as a natural gas regulating station with intermittent maintenance activities. The Site is mostly covered by asphalt. The Site is located in a commercial/industrial area. Figure 2 presents the Site layout map.

1.2 SITE HISTORY

According to available information, the Ogden Gas Company constructed Hawthorne Avenue Gas Storage Facility in 1905. The facility included a water-seal 5,000,000 cubic foot (ft^3) gas holder located at the corner of Wisconsin and Marcey Streets. In addition to the 5,000,000 ft^3 gas holder a compression tank, a shop building, boiler house, exhauster house, garage, chimney and pipe shed were also located on the facility. In 1907, Peoples Gas began leasing the property from Ogden Gas Company. Operations at the Site were ceased in 1921. In 1958, the 5,000,000 ft^3 gas holder was taken out of service and dismantled the following year. The Site is part of the former Hawthorne Avenue Station Gas Storage Facility, encompassing 0.43 acres of the original 2.5 acre facility that existed east of Kingsbury Street between Willow and Wisconsin Streets. The northern portion of the former facility is owned by Commonwealth Edison Company and is currently used as a transformer station and equipment storage yard. The southern portion of the facility consists of two parcels. One parcel is owned by Marcey Properties, LLC and the other by Peoples Gas. The Site discussed in this report, is located on the

northern portion of the Peoples Gas parcel between Kingsbury Street and Marcey Street and historically only contained a portion of the 5,000,000 ft³ gas holder, former building foundations, and concrete vaults.

1.3 PREVIOUS INVESTIGATIONS

Hanson Engineers Incorporated (HEI) conducted a preliminary site investigation in 1991 and prepared a report entitled *Preliminary Site Investigation—Hawthorne Avenue Station Gas Storage Facility—Chicago, Illinois* dated January 1992. This report included the investigation area now referred to as the Hawthorne Regulator Station. The investigation included a review of the environmental setting, historical documents provided by Peoples Gas, Sanborn maps, and a water well survey. A gas holder with a capacity of 5,000,000 cubic feet (ft³) was located at the southwest corner of Wisconsin Street and Marcey Street. The report concluded that below ground structures of the gas holder may be present and, if present, may contain residual tars, unless the tar was removed during demolition of the gas holder (HEI 1992). The preliminary investigation conducted by HEI provided background information, but no samples were collected and analyzed.

1.4 SITE PHYSIOGRAPHY AND SITE TOPOGRAPHY

The Site is bound by industrial/commercial property. Sam's Wine and Spirits is located to the south of the Site; Marcey Street and industrial/commercial properties (including Smith and Hawken) to the east of the Site; Kingsbury Street and property owned by General Iron, LLC to the west of the Site; and property owned by Commonwealth Edison Company, currently used as a transformer station and equipment storage yard, to the north of the Site. The ground surface is mostly paved and a chain link fence encompasses the Site.

According to the United States Geological Survey (USGS) 7.5-Minute Chicago Loop Quadrangle, the Site is at an elevation of approximately 590 feet above mean sea level (USGS 1993). Regional surface water flow is northwesterly toward the North Branch of the Chicago River, which is west of the Site.

1.5 GEOLOGICAL INFORMATION REVIEW

In the Chicago area, unconsolidated glacial deposits of Quaternary age overlie bedrock deposits of Silurian age (Willman 1971). Quaternary sediments in the region primarily consist of glaciofluvial and glaciolacustrine deposits of sand and gravel. Lacustrine deposits of silt and clay from ancestral Lake Chicago are also present in the area along with windblown loess (silt) deposits concentrated in the upland areas.

Surface soils in the vicinity consist of silts and clays associated with Carmi member of the Equality Formation (Lineback 1979). This unit is described as a well-bedded silt unit with some clay, and local lenses of sand. Unconsolidated deposits in the vicinity are expected to have a thickness of approximately 50 feet.

The Chicago area lies within the broad, sloping arch of Paleozoic bedrock called the Kankakee Arch (Willman 1971). The Kankakee arch separates two broad depressions, the Illinois basin to the southwest and the Michigan basin to the northeast. The Kankakee arch dictates the bedrock dip in the Chicago area gently to the east in the direction of Lake Michigan.

The regional bedrock stratigraphy consists of dolomite, limestone, shale, and sandstone and varies between 3,300 and 5,400 feet in thickness (Willman 1971). In general, the top of the bedrock sequence consists of Silurian dolomite of the Niagaran series ranging in thickness from approximately 50 to 500 feet (Willman 1971). The dolomites and limestones of the Niagaran series contain significant numbers of fractures and solution features.

1.6 HYDROGEOLOGICAL INFORMATION REVIEW

The shallow aquifers in the Chicago area are described as being limited to sand and gravel horizons in unconsolidated soil and fractured bedrock (Willman 1971). In the Chicago area, bedrock aquifers are found within Silurian, Ordovician and Cambrian formations, which are generally greater than 50 feet below ground surface (bgs) (Visocky et al. 1985). Precipitation and surface seepage recharge shallow groundwater aquifers in the Chicago area. The unconsolidated materials in the area of the Site consist primarily of silt and clay with isolated lenses of sand and are not considered aquifers (Lineback 1979). The typical range of hydraulic conductivities for silt is 1×10^{-6} to 1×10^{-4} centimeters per second (cm/sec) and for clay is 1×10^{-9} to 1×10^{-6} cm/sec (Fetter 1994).

A number of historic wells were identified within a one-mile radius of the Site. However, groundwater is not used as a potable water source within one mile of the Site [Environmental Data Resources (EDR) 2003]. Appendix B contains the EDR Radius Map with GeoCheck® that was prepared for an adjacent Site. The City of Chicago obtains its municipal water supply from Lake Michigan. Upon reviewing a well record search, no wells were located within a 1,000-foot radius of the Site. The closest well was located within a ¼-mile of the Site. Also, no drinking water supply wells were observed during a drive around reconnaissance of the Site and surrounding area that was conducted in October 2002 by Burns & McDonnell. Figure 4 presents the surrounding area well location map.

The North Branch of the Chicago River is the closest major surface water body, located west of the Site, approximately 375 feet. Natural surface water runoff is primarily controlled by multiple storm sewer inlets located around the Site which direct most of the surface water into the City of Chicago's combined sewer system. However, surface water not captured by the sewer system is primarily directed toward the west of the Site toward the river. The North Branch flows southeast along the western Site boundary and enters the Chicago Ship and Sanitary Canal approximately five miles downstream from the Site.

A review of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM 2000) provided by EDR (2003), National Wetland Inventory (NWI) map (1988), and Cook County FSA Wetland Inventory Map (1988) indicated that the Site is not within the limits of a 100-year or 500-year floodplain, and is not within or adjacent to a wetland.

1.7 METEOROLOGY

Weather in the area of the Site is continental in nature with cold dry winters and warm humid summers. Short duration, relatively large magnitude changes in temperature, humidity, precipitation and wind directions are common. Annual mean weather conditions are as follows:

Precipitation	37.2 inches
Temperature	51.8 degrees Fahrenheit (°F)
Last Spring Freeze	April 9
First Fall Freeze	Oct. 28

Average temperatures are warmest during the month of July at 75.4 °F and coolest during the month of January at 24.7 °F. Precipitation varies from a low of 1.5 inches in February to a high of 4.1 inches in June. Snowfall occurs mostly between late October and early April. Highest snowfall accumulation occurs in February, which has an average total monthly snowfall of 10 inches. Wind in the area of the Site is from the south, southwest or west direction approximately 47.1 percent of the time. The most common wind direction is south, which occurs 11.9 percent of the time. Mean wind speed in the prominent wind direction (south) is 10.6 miles per hour (mph).

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2.0 SITE SPECIFIC SAMPLING PLAN

SI field activities were performed in accordance with Illinois Environmental Protection (Illinois EPA) approved methods. Burns & McDonnell performed the SI field activities in June 2002. Appendix C contains photographs documenting field activities. An air knife vacuum device was used to locate utilities, an abandoned pipe, and former valve boxes on portions of the Site.

2.1 SOIL PROBE AND BORING SAMPLING PROCEDURES

A total of twenty-six (26) soil probes were advanced at various locations at the Site. Figure 3 presents the soil probe and boring sample location map. Surface and subsurface soil samples were collected from soil probe locations using direct push sampling equipment. Probe locations were continuously sampled using 4-foot or 5-foot long, 1.5-inch diameter macro sampler tubes with acetate liners. Each sample interval was field screened for volatile organic compounds (VOCs) using a photo-ionization detector (PID), and select samples were collected for laboratory analyses. Soil cuttings generated during sampling activities were collected in a roll-off box and disposed offsite.

A stainless steel knife was used to facilitate sample collection from acetate liners. Surface vegetation and/or carryover material from previous sampling intervals was removed before sampling. Soil samples were picked up at the Site by the analytical laboratory for transport to the laboratory. Soil samples to be analyzed for target compound list (TCL) VOCs were collected immediately after sample retrieval in accordance with SW-846 Method 5035 following EnCoreTM sampling procedures. The EnCoreTM sampling procedures were as follows:

- Remove EnCoreTM sampler and cap from its re-sealable pouch and attach T-handle to sampler body.
- Using the T-handle for leverage, push the sampler into a freshly exposed surface of soil until the sampler is full.
- Brush any soil off the sampler head and securely attach the sampler cap by pushing with a twisting motion.
- Complete the sample label and attach to the sampler body.
- Place labeled sampler in its re-sealable pouch and seal the pouch.

Soil samples to be analyzed for TCL semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), priority pollutant metals, and total cyanide were collected after collecting VOC samples. Soil was taken directly from the acetate liner and placed in a clean disposable aluminum mixing bowl. Soil was then mixed to homogenize it and placed in sampling jars. Jar lids were secured. All soil samples were labeled and designated with a unique identifier, placed in a cooler packed with ice and received by the subcontracted laboratory under proper chain-of-custody procedures.

Visual observations of soil type and condition were recorded on drilling log forms. Field classification included principal and minor constituents, observed moisture (if any), soil color, soil texture, PID

readings and any impacts to the soil including signs of tar, if observed. Appendix D presents soil log forms, which summarize these findings. Soil probe and boring holes were backfilled to ground surface with bentonite chips.

2.2 SOIL INVESTIGATION

Forty-two (42) soil samples were collected from soil probes to characterize soil quality at the Site. Soils were visually characterized and scanned for VOCs using a PID. Odors encountered were also noted. Appendix D presents soil logs that summarize these observations. The following subsections describe sampling locations, depths and chemical and physical analyses performed on surface soil samples.

2.2.1 Soil Sample Locations and Depths

Soil samples were collected from varying depths from 0 to 13 feet below ground surface (bgs). Surface soil samples were collected from 0 to 3 feet bgs and subsurface soil samples were collected below 3 feet bgs to 13 feet bgs. Figure 3 presents soil probe locations.

2.2.2 Chemical Analyses

Table 1 presents the analytical results for the analyses performed on each soil sample. Initially, soil samples were analyzed for the following parameters:

- TCL VOCs;
- TCL SVOCs;
- PCBs;
- Priority pollutant metals: antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium and zinc; and
- Total cyanide.

After review of the analytical data, additional analyses were performed. Four (4) soil samples (SP18-001, SP24-001, SP33-001, and SP34-002) were analyzed for toxicity characteristic leaching procedure (TCLP) lead and synthetic precipitation leaching procedure (SPLP) lead.

2.2.3 Physical Testing

Physical laboratory tests were performed on soil samples SP16-301 and SP19-001. The soil samples was tested for soil pH, total organic carbon (TOC), and moisture content. Additionally, soil sample SP16-301 was analyzed for grain size distribution.

2.3 GROUNDWATER INVESTIGATION

Groundwater was not encountered at the Site during the June 2002 site investigation activities; therefore a groundwater investigation could not be performed.

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3.0 FIELD OBSERVATIONS AND ANALYTICAL RESULTS

This section presents field observations made during SI field activities including surface and subsurface soil sampling. A summary of the results of chemical analyses performed on samples collected during SI activities is presented.

3.1 SITE GEOLOGY

During the SI, twenty-six (26) soil probes were advanced at the Site. Site geology was characterized during advancement of these soil probes and borings and recorded on drilling logs. Appendix D presents the soil logs. The unconsolidated materials identified at the Site consist of silty clay overlain by fill material. No bedrock was encountered during the SI. The following subsections describe the unconsolidated material encountered.

A geological cross-section showing subsurface soils encountered at the Site was prepared from soil probe and boring logs. The cross-section trending north to south across the length of the Site (A-A') is shown on Figure 5. Figure 6 presents the geological cross-section.

3.1.1 Fill Unit

The Site contains fill material averaging approximately 8.75 feet in thickness. The fill consists primarily of clay, sand, and gravel with smaller amounts of coal, crushed bricks, cinders, and wood chips. In general, the thickness of the fill unit increases adjacent to the north boundary of the property in the assumed area of the former 5,000,000 ft³ gas holder.

3.1.2 Clay Unit

Underlying the fill unit is a native layer of moderate brown clay with gray mottling. The silty clay unit was encountered at depths ranging from 5 to 22 feet bgs. Gravel and silt content varied in the unit between locations; however, all are classified using the United States Geological Survey (USGS) classification as clay, which was confirmed by the grain size analysis. The relative moisture of the silty clay was consistently moist. The relative consistency of the unit was variable, ranging from very stiff to hard, and appeared to increase with depth. In addition, the silty clay unit contained traces of sand and gravel in the probes advanced at the Site. A layer of silt, approximately 1 foot in depth, containing some organic matter, was observed in three probes advanced adjacent to the southeastern boundary of the Site, and approximately one-half foot of silt was observed in one probe on the northeast portion of the Site.

3.2 SITE HYDROGEOLOGY

Groundwater was not encountered at the Site during the SI field activities. Therefore, monitoring wells were not installed at the Site as part of the SI, and groundwater samples were not collected. However, groundwater was encountered seasonally at the adjacent properties to the south and west.

It is likely that, if water was encountered seasonally at the Site, the groundwater would be considered

Class II – General Resource Groundwater in accordance with Illinois regulations as determined at the adjacent properties to the south and west. The silty clay, sand and gravel unit does not meet the definition of a Class I aquifer as defined in 35 IAC, Subtitle F, Chapter I, Part 620 – Groundwater Quality, Section 210 (1997) because the groundwater when encountered, is not located 10 feet or more below the ground surface and it is not within the minimum setback zone of a potable water supply well. This unit was composed of about 78% fines and about 22% sand and gravel based on grain size analysis. The groundwater within the unit cannot sustain a continuous yield of usable water.

3.3 AREAS OF IMPACT

During SI field activities, staining and odors were observed at sampling locations in the northwest section of the property, near and inside the 5,000,000 ft³ gas holder. Staining was mainly observed from 7 to 10 feet bgs. Tar odors were observed along the northwestern property boundary near the former 5,000,000 ft³ gas holder.

3.4 ANALYTICAL RESULTS

This section summarizes the analytical results from soil samples collected during SI activities at the Site. Information presented herein is based on field observations, chemical analyses and physical testing of samples.

STAT Analysis Corporation, (STAT) of Chicago, Illinois performed all primary analyses on soil samples. Analytical data was reduced and validated by the laboratory in accordance with Illinois SRP analytical data reduction and validation guidelines. Burns & McDonnell performed further evaluation and validation, determining that the overall quality of the data was good. The analytical data results and data validation memorandum is included in Appendix E.

3.4.1 Soil Analytical Results

This section presents surface analytical results. Table 1 presents the soil analytical results. Table 2 presents the statistical summary of detected compounds/analytes in soils.

3.4.1.1 Soil TCL VOCs

TCL VOCs were detected in eleven (11) soil samples. The most frequently detected concentrations of TCL VOCs was acetone. The next most frequently detected TCL VOCs detected were BTEX compounds.

3.4.1.2 Soil TCL SVOCs

TCL SVOCs were detected in thirty-five (35) soil samples. Polynuclear aromatic hydrocarbons (PAHs) were the most common of the TCL SVOCs detected in surface soils. The highest detected concentrations of PAHs, with the exception of acenaphthylene, benzo(a)pyrene, and indeno(1,2,3,-cd)pyrene were in SP32-002 inside the former 5,000,000 ft³ gas holder.

3.4.1.3 Soil PCBs

PCBs were detected in two (2) soil samples. Aroclor 1254 was detected in both samples. Aroclor 1242 was detected only in one soil sample. The highest concentration of total PCBs was detected in soil sample SP27-002 with a concentration of 1.194 mg/kg located east of the regulator houses.

3.4.1.4 Soil Metals and Total Cyanide

Metals were detected in all forty-one (41) samples. Total cyanide was detected in eight (8) soil samples. The highest concentration of cyanide was detected in soil sample SP20-002 with a concentration 150 mg/kg east north east of the regulator houses.

3.4.2 Physical Soil Testing Results

One surface soil and one subsurface soil sample (SP19-001 and SP16-301) was collected and tested for moisture content, organic carbon content, pH, and grain size. Table 3 presents the physical soil results.

3.4.3 Groundwater Analytical Results

Groundwater was not encountered during the site investigation field activities. Therefore groundwater samples could not be collected.

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4.0 ENDANGERMENT ASSESSMENT

4.1 CURRENT AND FUTURE USE OF SITE AND SURROUNDING AREAS

Zoning at the Site is planned manufacturing district (PMD) (City of Chicago 2003). Figure 7 presents the zoning map for the Site and the surrounding properties. The Site is currently an industrial site used as a natural gas regulator station. Land use in the area is commercial and industrial. At present, Sam's Wine and Spirits is located to the south of the Site and is zoned for a business planned development (BPD); Marcey Street and industrial/commercial properties to the east of the Site; Kingsbury Street and property owned by General Iron, LLC to the west of the Site and is zoned PMD; and property owned by Commonwealth Edison Company, currently used as a transformer station and equipment storage yard, to the north of the Site and zoned PMD. A chain-link fence encompasses the Site. The use of the Site and surrounding property is not expected to change in the future and is expected to remain industrial/commercial.

4.2 IDENTIFICATION AND TIER 1 EVALUATION OF EXPOSURE ROUTES

The Illinois EPA developed a three-tiered procedure for evaluating data and developing the Site remediation objectives based on risks to human health and future use. The first tier evaluation, referred to as Tier 1, compares constituent concentrations detected at the Site to established screening levels that are based on conservative assumptions and have no site-specific information factored into their development. This section presents a Tier 1 evaluation of all analytical data results in accordance with TACO for an industrial/commercial property.

Soil data was screened against three separate exposure routes: soil ingestion, soil inhalation and soil migration to groundwater (also referred to as the soil component of the groundwater ingestion exposure route).

Constituent concentrations in Site soil were evaluated using the Tier 1 screening levels pertaining to industrial/commercial properties for the soil ingestion and inhalation exposure routes. Ingestion and inhalation via the construction worker were also evaluated. Since groundwater, if encountered, at the Site has been established as a Class II aquifer, constituent concentrations in soil were evaluated using the Tier 1 screening levels for Class II groundwater for the soil component of the groundwater ingestion pathway.

4.2.1 Soil Ingestion Exposure Route

The following subsections evaluate the soil ingestion exposure route for an industrial/commercial worker and a construction worker.

4.2.1.1 Industrial/Commercial Worker

The Tier 1 industrial/commercial soil ingestion exposure route was evaluated with soil samples collected between 0 and 3 feet bgs. Table 4 presents the data screened against soil ingestion screening levels for industrial/commercial worker.

Of the nineteen (19) soil samples evaluated, none of the samples exceeded the Tier 1 industrial/commercial soil ingestion screening levels for TCL VOCs and PCBs. Tier 1 industrial/commercial soil ingestion screening levels were exceeded in several samples for polynuclear aromatic hydrocarbons (PAHs). Eight (8) samples exceeded the 0.8 mg/kg screening level for benzo(a)pyrene, with concentrations ranging from 1.3 mg/kg in SP13-001 to 7.5 mg/kg in SP19-001. Benzo(a)anthracene and dibenzo(a,h)anthracene also exceeded Tier 1 screening levels. The only priority pollutant metals that exceeded the Tier 1 screening level were arsenic and lead. The arsenic screening level of 13 mg/kg was exceeded in three (3) samples with concentrations ranging from 16 mg/kg in SP18-001 to 19 mg/kg in SP33-001. The lead screening level of 400 mg/kg was exceeded in two (2) samples, SP18-001 and SP33-001, with concentrations of 870 mg/kg and 1,600 mg/kg, respectively.

4.2.1.2 Construction Worker

The Tier 1 construction worker soil ingestion exposure route was evaluated using all the soil samples collected during the SI. The soil samples were collected between 0 and 13 feet bgs. Table 5 presents the data screened against soil ingestion screening levels for a construction worker.

Of the forty-one (41) soil samples evaluated, none of the samples exceeded the Tier 1 construction worker soil ingestion screening levels for TCL VOCs, TCL SVOCs. The total PCB screening level of 1.0 mg/kg was exceeded in only one sample, SP27-002, with a concentration of 1.194 mg/kg. The only priority pollutant metal that exceeded the Tier 1 screening level was lead. The lead screening level of 400 mg/kg was exceeded in four samples with concentrations ranging from 870 mg/kg in SP18-001 to 2,200 mg/kg in both SP24-001 and SP34-001.

4.2.2 Soil Inhalation Exposure Route

The following subsections evaluate the soil inhalation exposure route for an industrial/commercial worker and construction worker.

4.2.2.1 Industrial/Commercial Worker

The Tier 1 industrial/commercial soil inhalation exposure route was evaluated with soil samples collected between 0 and 10 feet bgs. Table 6 presents data screened against soil inhalation screening levels for industrial/commercial worker.

Of the thirty-eight (38) samples screened, none of the samples exceeded the Tier 1 industrial/commercial inhalation screening levels for TCL SVOCs and priority pollutant metals. Benzene, ethylbenzene,

m,p-xylene, and o-xylene were the only analytes that exceeded the Tier 1 screening levels. The benzene screening level of 1.6 mg/kg was exceeded in four (4) samples with concentrations ranging from 2.6 mg/kg in SP23-002 to 25 mg/kg in SP24-001. The ethylbenzene screening level of 400 mg/kg was exceeded in sample SP33-002 with a concentration of 680 mg/kg. In addition, the m,p-xylene and o-xylene screening level of 320 mg/kg was exceeded in sample SP33-002 with concentrations of 1,800 mg/kg and 670 mg/kg, respectively.

4.2.2.2 Construction Worker

The Tier 1 construction worker soil inhalation exposure route was evaluated using all the soil samples collected during the SI. The soil samples were collected between 0 and 13 feet bgs. Table 7 presents the data screened against soil inhalation screening levels for a construction worker.

Of the forty-one (41) soil samples evaluated, none of the samples exceeded the Tier 1 construction worker soil inhalation screening levels for priority pollutant metals. The benzene screening level of 2.2 mg/kg was exceeded in four (4) samples with concentrations ranging from 2.6 mg/kg in SP23-002 to 25 mg/kg in SP24-001. Ethylbenzene, m,p-xylene, o-xylene, and carbon disulfide also exceeded Tier 1 screening levels in SP33-002. The naphthalene screening level of 1.8 mg/kg was exceeded in eight (8) samples with concentrations ranging from 2.2 mg/kg in SP33-001 to 180 mg/kg in SP33-002.

4.2.3 Soil Migration to Groundwater Exposure Route

The Tier 1 soil migration to groundwater exposure route was evaluated for all forty-one (41) samples collected during the SI based on Class II groundwater. The groundwater at the Site is classified as Class II groundwater based on the following criteria: the clay unit does not meet the definition of a Class I aquifer, as defined in 35 IAC, Subtitle F, Chapter 1, Part 620-Groundwater Quality, Section 210; groundwater is not used as a potable water source within one mile of the Site; and the City of Chicago obtains its municipal water supplies from Lake Michigan. Table 8 presents data screened against Tier 1 screening levels for the soil migration to groundwater exposure route based on Class II groundwater.

Of the forty-one (41) samples screened, the benzene screening level of 0.17 mg/kg was exceeded for six (6) samples with concentrations ranging from 0.33 mg/kg at SP20-002 to 25 mg/kg at SP24-001. The ethylbenzene screening level of 19 mg/kg was exceeded for two (2) samples, SP24-001 and SP33-002, with concentrations of 52 mg/kg and 680 mg/kg, respectively. In addition, m,p-xylene and o-xylene were detected above the 150 mg/kg Tier 1 screening level in SP33-002. The carbazole screening level of 2.8 mg/kg was exceeded for two (2) samples with detected concentrations of 4.8 mg/kg at SP19-001 and 25 mg/kg at SP32-002. Of the PAHs, benzo(a)anthracene exceeded the 8 mg/kg screening level for three (3) samples (SP19-001, SP26-001 and SP32-002) and naphthalene exceeded the 18 mg/kg screening level in three (3) samples (SP20-002, SP24-001 and SP33-002). The only priority pollutant metal that exceeded the Tier 1 screening level was chromium. Chromium exceeded the 28 mg/kg Tier 1 screening level in two (2) samples, SP24-001 and SP32-002, at concentrations of 170 mg/kg and 220 mg/kg, respectively. Lead exceeded the 36 mg/kg regional background screening level in twenty-five (25)

samples, with concentrations ranging from 37 mg/kg in SP17-001 to 2,200 mg/kg in both SP24-001 and SP34-002. However, four (4) representative samples containing the highest concentrations of lead found onsite (SP18-001, SP33-001, SP24-001 and SP34-002) ranging from 870 mg/kg to 2,200 mg/kg were analyzed for SPLP lead. SPLP lead results ranging from 0.0022 mg/l to 0.074 mg/l are below the Tier 1 screening level of 0.1 mg/l. Therefore, lead is not a constituent of concern for the soil migration to groundwater exposure route. In addition, the total cyanide screening level of 120 mg/kg was exceeded in SP20-002 at a concentration of 150 mg/kg.

4.3 FATE AND TRANSPORT OF CONSTITUENTS OF CONCERN

This section presents a qualitative evaluation of potential chemical migration pathways and describes the environmental behavior of chemicals that exceeded Tier 1 screening levels. Factors that influence chemical migration include location and extent of the source areas and the degree of concentration, physical integrity of source structures, geologic and hydrogeologic conditions and chemical and physical characteristics. This section, which is based on criteria discussed in the preceding sections, focuses on constituents that exceeded Tier 1 screening levels.

4.3.1 Potential Migration Pathways

The main migration pathway to the subsurface is through the fill material, which typically lies from 0 to 16 feet bgs. The highly permeable fill material consists of gravel and sand with smaller amounts of silt, clay and wood. A soft to very stiff brown to gray silty clay unit lies directly below the fill unit. This silty clay unit restricts downward migration of constituents due to the density and low permeability of the silty clay; however, some migration into the subsurface may occur through minimal fractures in the silty clay. Constituents migrating downward through the fill material may spread laterally upon reaching the silty clay interface due to the low permeability of the silty clay unit. During light to moderate precipitation events, infiltration of precipitation is likely to occur in the fill unit.

Underground utilities act as potential migration pathways. Figure 2 presents the Site layout map which presents all utilities at the Site. Those present at the Site include high pressure gas mains, sewer lines, and water mains.

4.3.2 Environmental Behavior of Chemicals of Interest

Chemicals of interest detected at the Site are grouped into five basic categories: VOCs, SVOCs, PCBs, priority pollutant metals and cyanide. The following subsections describe how chemical properties of the compounds affect the behavior and distribution of the compounds in the environment.

4.3.2.1 VOCs

The main VOCs of concern are BTEX. The discussion in this section will address VOC fate and transport primarily based on benzene data because BTEX compounds are similar in chemical and physical characteristics and more information is available concerning the fate and transport of benzene.

The environmental fate of benzene under subsurface conditions is controlled by its relatively high solubility in water and low tendency to bind to organic matter. Because of these properties, the presence of benzene in water is expected and will be of greater interest than the presence of PAHs in water.

Advection is the most probable transport mechanism for benzene and other light aromatic compounds in the subsurface because most of the light aromatics readily partition to groundwater. Naturally occurring biodegradation is likely to be the primary mechanism for benzene reduction in groundwater and subsurface soil. The presence of other hydrocarbons, such as naphthalene, is likely to enhance this process (Walker 1975).

4.3.2.2 SVOCs

SVOCs consist of two (2) separate groups of compounds: phenols (also known as acid extractable compounds) and base/neutral compounds including the subclass PAHs. The SVOC compounds from these two groups that are included in the United States Environmental Protection Agency (USEPA) TCL were analyzed in each soil and water sample collected during the SI.

Phenols are aromatic alcohols, which have lower molecular weights, higher water solubilities, higher vapor pressures and lower soil affinity than PAHs. Phenol is the indicator compound used in the discussion of environmental behavior of phenols because all phenolic compounds have similar chemical and physical properties.

Although the vapor pressures of phenols are higher than those of PAHs, they are relatively low. Phenols have high solubilities, and, therefore, tend not to volatize from solution, especially at low concentrations. Advection is the primary transport mechanism of phenol because of its high water solubility. Phenol is, however, rapidly and virtually completely biodegraded in soils and waters under both aerobic and anaerobic conditions.

PAHs, a subset of SVOCs, are a class of organic compounds formed during incomplete combustion of organic material containing carbon and hydrogen (USEPA 1985). PAHs are multi-ringed aromatic hydrocarbons, which generally have the following characteristics (ATSDR 1995):

- Densities greater than water;
- Low solubility in water;
- Low vapor pressures and; therefore, low volatility;
- Generally, low Henry's Law constants;
- High partition coefficients, explaining affinity for organic matter; and
- Relatively low mobility.

Their low water solubility, low volatility and high affinity for binding to particulate or organic matter (ATSDR 1995) primarily define the environmental fate of PAHs. Dispersion is the primary transport mechanism of PAHs throughout the subsurface. Advective transport, or leaching, of PAHs is likely to be

limited because of low water solubility and high soil adsorptivity of PAHs. The high affinity of PAHs to bind to organic matter and soil means that the occurrence of these contaminants in groundwater is expected to be limited (ATSDR 1995).

4.3.2.3 PCBs

The most important mechanism for dispersion of PCBs is atmospheric transport. PCBs present in soil tend to strongly adsorb to soil, especially for higher chlorinated congeners; therefore, PCBs are unlikely to migrate from soil to groundwater. Volatilization of PCBs from soil most likely is an important loss mechanism; especially for the lower chlorinated congeners than for the higher chlorinated congeners. Biodegradation of PCBs in the environment occurs slowly both under aerobic and anaerobic conditions and is considered a major degradation process for PCBs in both soil and sediment. (ATSDR 2000).

4.3.2.4 Metals

Metals in soils are expected to be less mobile because they form water-insoluble salts and are unable to form soluble complexes with humic and fulvic materials. However, under acidic conditions, some water-insoluble metal compounds may become soluble and move back into groundwater (USEPA 1984).

4.3.2.5 Cyanide

Cyanides are associated with spent oxides at MGP sites and generally exist in the environment as complex cyanide compounds. In water, cyanide occurs most commonly in the form of hydrogen cyanide, although, it can occur in ionic forms such as metallic cyanides. Volatilization and biodegradation are significant fate processes of hydrogen cyanide.

4.4 RECOGNIZED ENVIRONMENTAL CONDITIONS

The summary of findings is presented in Figure 8. Although organic compounds and inorganic chemicals were observed at varying concentrations in soil samples obtained from the Site, the higher levels of these constituents appear to be located within or near the 5,000,000 ft³ gas holder. In general, shallow soils collected across the Site contain levels of the PAHs that exceed Tier 1 ingestion screening levels, and generally decrease with depth.

* * * * *

5.0 CONCLUSIONS

The overall objective of the Hawthorne Regulator Station SI was to determine whether any residuals from past MGP activities are present in surface soil and subsurface soil and define the nature and extent of impacted areas to aid in the development of remediation objectives, if needed. The objectives of the SI were met to the extent practicable given the limitations caused by numerous underground utilities that exist at the Site.

5.1 SUFFICIENCY OF DATA

The overall objective of the Hawthorne Regulator Station site investigation was met. However, old facility drawings show three (3) former concrete vaults that existed at the Site and the contents of these vaults have not been determined.

5.2 RECOMMENDATIONS FOR FURTHER INVESTIGATION

No further investigation is needed at the Site. However, the concrete vaults will be identified and contents, if any, will be determined during remedial activities. The SI data results will be further evaluated based on current and future Site usage, in the forthcoming *Remediation Objectives Report/Remedial Action Plan*.

* * * * *

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TABLES
HAWTHORNE REGULATOR STATION

Table 1
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP13-001 2-3	SP13-002 10-11	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)					
Acetone	0.029 U	0.046 U	0.042 U	0.068	0.059 U
Benzene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromodichloromethane	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromoform	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromomethane	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
2-Butanone	0.012 U	0.018 U	0.017 U	0.034	0.024 U
Carbon Disulfide	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Carbon Tetrachloride	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chlorobenzene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chloroethane	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Chloroform	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chloromethane	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Dibromochloromethane	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1-Dichloroethane	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,2-Dichloroethane	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1-Dichloroethene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
cis-1,2-Dichloroethene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
trans-1,2-Dichloroethene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,2-Dichloropropane	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
cis-1,3-Dichloropropene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
trans-1,3-Dichloropropene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Ethylbenzene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
2-Hexanone	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
4-Methyl-2-Pentanone	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Methylene Chloride	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Styrene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,2,2-Tetrachloroethane	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Tetrachloroethene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Toluene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,1-Trichloroethane	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,2-Trichloroethane	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Trichloroethene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Vinyl Chloride	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
m,p-Xylene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
o-Xylene	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP13-001 2-3	SP13-002 10-11	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Bis(2-chloroethyl)ether	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Bis(2-ethylhexyl)phthalate	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Bromophenyl phenyl ether	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Butyl benzyl phthalate	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Carbazole	0.41	0.39 U	0.38 U	0.45 U	0.42 U
4-Chloro-3-methylphenol	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Chloroaniline	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Chloronaphthalene	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Chlorophenol	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Chlorophenyl phenyl ether	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Dibenzofuran	0.38 U	0.39 U	0.38 U	0.45 U	0.67
1,2-Dichlorobenzene	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,3-Dichlorobenzene	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,4-Dichlorobenzene	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
3,3'-Dichlorobenzidine	0.76 U	0.78 U	0.76 U	0.9 U	0.84 U
2,4-Dichlorophenol	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Diethyl phthalate	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Dimethyl phthalate	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Di-n-butyl phthalate	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,4-Dimethylphenol	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4,6-Dinitro-2-methylphenol	1.8 U	1.9 U	1.8 U	2.2 U	2 U
2,4-Dinitrophenol	1.8 U	1.9 U	1.8 U	2.2 U	2 U
2,4-Dinitrotoluene	0.29 U	0.3 U	0.29 U	0.34 U	0.32 U
2,6-Dinitrotoluene	0.29 U	0.3 U	0.29 U	0.34 U	0.32 U
Di-n-octyl phthalate	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorobenzene	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorobutadiene	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorocyclopentadiene	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachloroethane	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Isophorone	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Methylnaphthalene	0.38 U	0.39 U	1.2	0.45 U	2.3
2-Methylphenol	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Methylphenol	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Nitroaniline	1.8 U	1.9 U	1.8 U	2.2 U	2 U
3-Nitroaniline	1.8 U	1.9 U	1.8 U	2.2 U	2 U
4-Nitroaniline	1.8 U	1.9 U	1.8 U	2.2 U	2 U
Nitrobenzene	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Nitrophenol	1.8 U	1.9 U	1.8 U	2.2 U	2 U
4-Nitrophenol	1.8 U	1.9 U	1.8 U	2.2 U	2 U
N-Nitrosodi-n-propylamine	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
N-Nitrosodiphenylamine	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,2'-oxybis(1-Chloropropane)	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Pentachlorophenol	1.8 U	1.9 U	1.8 U	2.2 U	2 U
Phenol	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,2,4-Trichlorobenzene	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,4,5-Trichlorophenol	0.76 U	0.78 U	0.76 U	0.9 U	0.84 U
2,4,6-Trichlorophenol	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
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	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)					
Acenaphthene	0.22	0.03 U	0.031	0.034 U	0.044
Acenaphthylene	0.041	0.03 U	0.029 U	0.034 U	0.14
Anthracene	1.5	0.03 U	0.17	0.034 U	2
Benzo(a)anthracene	1.3	0.03 U	0.49	0.082	0.71
Benzo(b)fluoranthene	1.3	0.03 U	0.37	0.1	0.79
Benzo(k)fluoranthene	0.92	0.03 U	0.42	0.081	0.57
Benzo(g,h,i)perylene	0.72	0.03 U	0.096	0.04	0.43
Benzo(a)pyrene	1.3	0.03 U	0.42	0.096	0.7
Chrysene	1.4	0.03 U	0.52	0.088	0.83
Dibenzo(a,h)anthracene	0.16	0.03 U	0.045	0.034 U	0.14
Fluoranthene	2.5	0.061	0.84	0.07	1.1
Fluorene	0.15	0.03 U	0.036	0.034 U	0.066
Indeno(1,2,3-cd)pyrene	0.7	0.03 U	0.096	0.04	0.42
Naphthalene	0.074	0.03 U	0.56	0.034 U	0.74
Phenanthrene	1.4	0.03 U	0.77	0.11	1.9
Pyrene	2.3	0.08	0.88	0.13	1.2
PCBs (mg/kg)					
Aroclor 1016	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1221	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1232	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1242	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1248	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1254	0.18 U	0.19 U	0.18 U	0.21 U	0.21 U
Aroclor 1260	0.18 U	0.19 U	0.18 U	0.21 U	0.21 U
Total PCBs	0.815 U	0.860 U	0.810 U	0.970 U	0.970 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.1 UJ	1.2 UJ	1.2 J	1.3 UJ	2.5 J
Arsenic	8.7	7.4	8.1	12	23
Beryllium	0.94	0.6 U	0.81	0.91	2.2
Cadmium	0.62	0.6 U	0.65	0.66 U	4.1
Chromium**	16	13	14	18	17
Copper	31 J	17 J	29 J	35 J	84 J
Lead***	110 J	15	94 J	83	360
Mercury	0.41	0.034	0.16	0.19	1.2
Nickel	22 J	20	20 J	26	23
Selenium	1.1 U	1.2 U	1.2 U	1.3 U	1.4
Silver**	1.1 U	1.2 U	1.2 U	1.3 U	1.3 U
Thallium	1.4	1.3	1.3	1.8	1.5
Zinc	120	35 J	110	91 J	1400 J
Total Cyanide	0.29 U	0.31 U	0.29 U	0.34 U	0.34 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)					
Acetone	0.16 J	0.047 U	0.057 U	0.1	0.057 U
Benzene	0.03 J	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromodichloromethane	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromoform	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromomethane	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
2-Butanone	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Carbon Disulfide	0.03 J	0.0094 U	0.011 U	0.0088 U	0.011 U
Carbon Tetrachloride	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chlorobenzene	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chloroethane	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Chloroform	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chloromethane	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Dibromochloromethane	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1-Dichloroethane	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,2-Dichloroethane	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1-Dichloroethene	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
cis-1,2-Dichloroethene	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
trans-1,2-Dichloroethene	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,2-Dichloropropane	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
cis-1,3-Dichloropropene	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
trans-1,3-Dichloropropene	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Ethylbenzene	4.7	0.0094 U	0.011 U	0.0088 U	0.011 U
2-Hexanone	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
4-Methyl-2-Pentanone	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Methylene Chloride	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Styrene	0.036 J	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,2,2-Tetrachloroethane	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Tetrachloroethene	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Toluene	0.019 J	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,1-Trichloroethane	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,2-Trichloroethane	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Trichloroethene	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Vinyl Chloride	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
m,p-Xylene	0.12 J	0.0094 U	0.011 U	0.0088 U	0.011 U
o-Xylene	2	0.0094 U	0.011 U	0.0088 U	0.011 U

Notes:

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(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Bromophenyl phenyl ether	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Butyl benzyl phthalate	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Carbazole	0.4 U	0.4 U	1	0.39 U	4.8
4-Chloro-3-methylphenol	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Chloroaniline	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Chloronaphthalene	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Chlorophenol	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Dibenzofuran	0.4 U	0.4 U	0.4	0.39 U	2.3
1,2-Dichlorobenzene	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,3-Dichlorobenzene	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,4-Dichlorobenzene	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
3,3'-Dichlorobenzidine	0.8 U	0.8 U	0.76 U	0.79 U	0.77 U
2,4-Dichlorophenol	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Diethyl phthalate	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Dimethyl phthalate	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Di-n-butyl phthalate	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2,4-Dimethylphenol	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrophenol	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrotoluene	0.3 U	0.3 U	0.29 U	0.3 U	0.29 U
2,6-Dinitrotoluene	0.3 U	0.3 U	0.29 U	0.3 U	0.29 U
Di-n-octyl phthalate	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorobenzene	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorobutadiene	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachloroethane	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Isophorone	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Methylnaphthalene	0.4 U	0.4 U	0.51	0.39 U	0.99
2-Methylphenol	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Methylphenol	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Nitroaniline	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
3-Nitroaniline	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
4-Nitroaniline	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Nitrobenzene	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Nitrophenol	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
4-Nitrophenol	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2,2'-oxybis(1-Chloropropane)	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Pentachlorophenol	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Phenol	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	0.8 U	0.8 U	0.76 U	0.79 U	0.77 U
2,4,6-Trichlorophenol	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)					
Acenaphthene	0.03 U	0.12	0.61	0.03 U	2.2
Acenaphthylene	0.03 U	0.03 U	1.4	0.03 U	0.32
Anthracene	0.03 U	0.27	2.1	0.03 U	7.4
Benzo(a)anthracene	0.03 U	0.59	4.9	0.03 U	9.1
Benzo(b)fluoranthene	0.03 U	0.29	3.7	0.03 U	7.5
Benzo(k)fluoranthene	0.03 U	0.25	3.2	0.03 U	5.8
Benzo(g,h,i)perylene	0.03 U	0.13	1.8	0.03 U	3.4
Benzo(a)pyrene	0.03 U	0.31	4.9	0.03 U	7.5
Chrysene	0.03 U	0.6	5	0.03 U	8.8
Dibenz(a,h)anthracene	0.03 U	0.054	0.71	0.03 U	1.4
Fluoranthene	0.03 U	1.3	9.5	0.03 U	23
Fluorene	0.03 U	0.13	0.86	0.03 U	3
Indeno(1,2,3-cd)pyrene	0.03 U	0.13	1.8	0.03 U	3.4
Naphthalene	3.7	0.03 U	0.55	0.03 U	1
Phenanthrone	0.03 U	1.1	5.9	0.03 U	22
Pyrene	0.03 U	1.2	10	0.03 U	19
PCBs (mg/kg)					
Aroclor 1016	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1221	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1232	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1242	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1248	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1254	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Aroclor 1260	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Total PCBs	0.860 U	0.860 U	0.845 U	0.855 U	0.850 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.2 UJ	1.2 UJ	1.4 J	1.1 UJ	1.1 UJ
Arsenic	15	9.9	16	12	8.8
Beryllium	0.96	0.92	0.65	0.82	1
Cadmium	0.61 U	0.6 U	1.5	0.57 U	0.61
Chromium**	21	24	17	20	20
Copper	49 J	29 J	82 J	31 J	63 J
Lead***	26	37 J	870 J	20	120 J
Mercury	0.033	0.079	1.6	0.037	0.4
Nickel	46	33 J	22 J	38	27 J
Selenium	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Silver**	1.2 U	1.2 U	1.9	1.1 U	1.1 U
Thallium	1.5	1.5	1.2	1.4	1.4
Zinc	52 J	56	320	97 J	110
Total Cyanide	0.3 U	0.3 U	0.29 U	0.3 U	0.3 U

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Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)					
Acetone	0.23	0.049 U	0.22	0.09	0.041 U
Benzene	0.019 U	0.0098 U	0.33	0.0073 U	0.0081 U
Bromodichloromethane	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Bromoform	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Bromomethane	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
2-Butanone	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Carbon Disulfide	0.019 U	0.0098 U	7.4	0.0073 U	0.0081 U
Carbon Tetrachloride	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chlorobenzene	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chloroethane	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Chloroform	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chloromethane	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Dibromochloromethane	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1-Dichloroethane	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,2-Dichloroethane	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1-Dichloroethene	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
cis-1,2-Dichloroethene	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
trans-1,2-Dichloroethene	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,2-Dichloropropane	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
cis-1,3-Dichloropropene	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
trans-1,3-Dichloropropene	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Ethylbenzene	0.019 U	0.0098 U	0.18	0.0073 U	0.0081 U
2-Hexanone	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
4-Methyl-2-Pentanone	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Methylene Chloride	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Styrene	0.019 U	0.0098 U	0.61	0.0073 U	0.0081 U
1,1,2,2-Tetrachloroethane	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Tetrachloroethene	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Toluene	0.019 U	0.0098 U	0.46	0.0073 U	0.0081 U
1,1,1-Trichloroethane	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1,2-Trichloroethane	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Trichloroethene	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Vinyl Chloride	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
m,p-Xylene	0.019 U	0.0098 U	0.81	0.0073 U	0.0081 U
o-Xylene	0.019 U	0.0098 U	0.16	0.0073 U	0.0081 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Bis(2-chloroethyl)ether	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Bis(2-ethylhexyl)phthalate	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Bromophenyl phenyl ether	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Butyl benzyl phthalate	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Carbazole	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chloro-3-methylphenol	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chloroaniline	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Chloronaphthalene	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Chlorophenol	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chlorophenyl phenyl ether	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Dibenzofuran	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,2-Dichlorobenzene	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,3-Dichlorobenzene	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,4-Dichlorobenzene	0.4 U	0.38 U	11 U	0.4 U	0.38 U
3,3'-Dichlorobenzidine	0.8 U	0.77 U	21 U	0.8 U	0.76 U
2,4-Dichlorophenol	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Diethyl phthalate	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Dimethyl phthalate	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Di-n-butyl phthalate	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2,4-Dimethylphenol	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4,6-Dinitro-2-methylphenol	1.9 U	1.9 U	51 U	1.9 U	1.8 U
2,4-Dinitrophenol	1.9 U	1.9 U	51 U	1.9 U	1.8 U
2,4-Dinitrotoluene	0.3 U	0.29 U	8 U	0.3 U	0.29 U
2,6-Dinitrotoluene	0.3 U	0.29 U	8 U	0.3 U	0.29 U
Di-n-octyl phthalate	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorobenzene	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorobutadiene	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorocyclopentadiene	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachloroethane	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Isophorone	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Methylnaphthalene	0.4 U	0.38 U	14	0.4 U	0.38 U
2-Methylphenol	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Methylphenol	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Nitroaniline	1.9 U	1.9 U	51 U	1.9 U	1.8 U
3-Nitroaniline	1.9 U	1.9 U	51 U	1.9 U	1.8 U
4-Nitroaniline	1.9 U	1.9 U	51 U	1.9 U	1.8 U
Nitrobenzene	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Nitrophenol	1.9 U	1.9 U	51 U	1.9 U	1.8 U
4-Nitrophenol	1.9 U	1.9 U	51 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine	0.4 U	0.38 U	11 U	0.4 U	0.38 U
N-Nitrosodiphenylamine	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2,2'-oxybis(1-Chloropropane)	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Pentachlorophenol	1.9 U	1.9 U	51 U	1.9 U	1.8 U
Phenol	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,2,4-Trichlorobenzene	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2,4,5-Trichlorophenol	0.8 U	0.77 U	21 U	0.8 U	0.76 U
2,4,6-Trichlorophenol	0.4 U	0.38 U	11 U	0.4 U	0.38 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)					
Acenaphthene	0.03 U	0.029 U	0.94	0.031 U	0.029 U
Acenaphthylene	0.048	0.029 U	4.8	0.031 U	0.029 U
Anthracene	0.078	0.037	1.3	0.031 U	0.031
Benzo(a)anthracene	0.36	0.12	5.1	0.031 U	0.17
Benzo(b)fluoranthene	0.21	0.13	1.4	0.031 U	0.099
Benzo(k)fluoranthene	0.23	0.11	1.8	0.031 U	0.079
Benzo(g,h,i)perylene	0.17	0.072	0.8 U	0.031 U	0.036
Benzo(a)pyrene	0.31	0.13	0.84	0.031 U	0.085
Chrysene	0.38	0.13	6.6	0.031 U	0.17
Dibenz(a,h)anthracene	0.058	0.029 U	0.8 U	0.031 U	0.029 U
Fluoranthene	0.75	0.21	10	0.031 U	0.27
Fluorene	0.03 U	0.029 U	1.4	0.031 U	0.029 U
Indeno(1,2,3-cd)pyrene	0.17	0.064	0.8 U	0.031 U	0.038
Naphthalene	0.03 U	0.029 U	73	0.057	0.029 U
Phenanthrene	0.13	0.087	8.8	0.031 U	0.085
Pyrene	0.96	0.24	16	0.031 U	0.28
PCBs (mg/kg)					
Aroclor 1016	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1221	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1232	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1242	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1248	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1254	0.19 U	0.19 U	2 U	0.19 U	0.18 U
Aroclor 1260	0.19 U	0.19 U	2 U	0.19 U	0.18 U
Total PCBs	0.865 U	0.850 U	9 U	0.865 U	0.815 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.2 UJ	1.1 UJ	1.8 J	1.2 UJ	1.1 UJ
Arsenic	9.4	11	21	5.4	2.8
Beryllium	0.8	0.7	0.65 U	0.59 U	0.55 U
Cadmium	0.61 U	0.55 U	0.65 U	0.59 U	0.55 U
Chromium**	20	23	7.2	18	7.5
Copper	30 J	23 J	67 J	25 J	8.5 J
Lead***	21	98 J	140	19	26 J
Mercury	0.074	0.15	0.52	0.038	0.048
Nickel	35	26 J	11	23	8.6 J
Selenium	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U
Silver**	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U
Thallium	1.6	1.4	1.3 U	1.2 U	1.1 U
Zinc	47 J	74	75 J	48 J	53
Total Cyanide	0.3 U	1.5	150	0.31 U	0.29 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)					
Acetone	0.043 U	0.052	0.061 U	0.025 U	0.22 J
Benzene	0.0087 U	0.0085 U	0.012 U	2.6	25
Bromodichloromethane	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Bromoform	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Bromomethane	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
2-Butanone	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Carbon Disulfide	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Carbon Tetrachloride	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chlorobenzene	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chloroethane	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Chloroform	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chloromethane	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Dibromochloromethane	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1-Dichloroethane	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,2-Dichloroethane	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1-Dichloroethene	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
cis-1,2-Dichloroethene	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
trans-1,2-Dichloroethene	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,2-Dichloropropane	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
cis-1,3-Dichloropropene	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
trans-1,3-Dichloropropene	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Ethylbenzene	0.0087 U	0.0085 U	0.012 U	0.0051 U	52
2-Hexanone	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
4-Methyl-2-Pentanone	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Methylene Chloride	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Styrene	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1,2,2-Tetrachloroethane	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Tetrachloroethene	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Toluene	0.0087 U	0.0085 U	0.012 U	0.0051 U	1.1
1,1,1-Trichloroethane	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1,2-Trichloroethane	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Trichloroethene	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Vinyl Chloride	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
m,p-Xylene	0.0087 U	0.0085 U	0.012 U	0.0051 U	17
o-Xylene	0.0087 U	0.0085 U	0.012 U	0.0051 U	6.6

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Bis(2-chloroethyl)ether	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Bis(2-ethylhexyl)phthalate	0.36 U	0.39 U	0.38 U	0.4 U	0.97
4-Bromophenyl phenyl ether	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Butyl benzyl phthalate	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Carbazole	0.36 U	0.39 U	0.38 U	0.4 U	2.6
4-Chloro-3-methylphenol	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Chloroaniline	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Chloronaphthalene	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Chlorophenol	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Chlorophenyl phenyl ether	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Dibenzofuran	0.36 U	0.39 U	0.38 U	0.4 U	2.5
1,2-Dichlorobenzene	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,3-Dichlorobenzene	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,4-Dichlorobenzene	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
3,3'-Dichlorobenzidine	0.73 U	0.78 U	0.77 U	0.8 U	1.2 U
2,4-Dichlorophenol	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Diethyl phthalate	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Dimethyl phthalate	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Di-n-butyl phthalate	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2,4-Dimethylphenol	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4,6-Dinitro-2-methylphenol	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
2,4-Dinitrophenol	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
2,4-Dinitrotoluene	0.27 U	0.29 U	0.29 U	0.3 U	0.44 U
2,6-Dinitrotoluene	0.27 U	0.29 U	0.29 U	0.3 U	0.44 U
Di-n-octyl phthalate	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorobenzene	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorobutadiene	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorocyclopentadiene	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachloroethane	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Isophorone	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Methylnaphthalene	0.36 U	0.39 U	0.38 U	0.4 U	106
2-Methylphenol	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Methylphenol	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Nitroaniline	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
3-Nitroaniline	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
4-Nitroaniline	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
Nitrobenzene	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Nitrophenol	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
4-Nitrophenol	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
N-Nitrosodi-n-propylamine	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
N-Nitrosodiphenylamine	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2,2'-oxybis(1-Chloropropane)	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Pentachlorophenol	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
Phenol	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,2,4-Trichlorobenzene	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2,4,5-Trichlorophenol	0.73 U	0.78 U	0.77 U	0.8 U	1.2 U
2,4,6-Trichlorophenol	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)					
Acenaphthene	0.027 U	0.029 U	0.029 U	0.069	2.6
Acenaphthylene	0.04	0.029 U	0.029 U	0.03 U	2.7
Anthracene	0.039	0.029 U	0.035	0.17	5.1
Benzo(a)anthracene	0.17	0.029 U	0.19	0.33	3.6
Benzo(b)fluoranthene	0.11	0.029 U	0.043	0.11	1.5
Benzo(k)fluoranthene	0.083	0.029 U	0.03	0.14	1.7
Benzo(g,h,i)perylene	0.052	0.029 U	0.039	0.085	0.48
Benzo(a)pyrene	0.1	0.029 U	0.051	0.13	2.3
Chrysene	0.17	0.029 U	0.23	0.32	3.8
Dibenzo(a,h)anthracene	0.027 U	0.029 U	0.029 U	0.034	0.26
Fluoranthene	0.26	0.029 U	0.11	1	8.5
Fluorene	0.027 U	0.029 U	0.029 U	0.081	7.3
Indeno(1,2,3-cd)pyrene	0.051	0.029 U	0.029 U	0.091	0.46
Naphthalene	0.029	0.043	0.034	0.096	170
Phenanthrene	0.11	0.032	0.054	0.65	18
Pyrene	0.29	0.036	0.25	0.95	9.5
PCBs (mg/kg)					
Aroclor 1016	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1221	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1232	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1242	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1248	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1254	0.18 U	0.19 U	0.18 U	0.19 U	0.27 U
Aroclor 1260	0.18 U	0.19 U	0.18 U	0.19 U	0.27 U
Total PCBs	0.800 U	0.850 U	0.820 U	0.865 U	1.240 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	13 J
Arsenic	4.7	7	5.9	4.1	14
Beryllium	0.54 U	0.57 U	0.55 U	0.59 U	0.83 U
Cadmium	0.54 U	0.57 U	0.55 U	0.59 U	2.4
Chromium**	9.7	17	23	17	170
Copper	12 J	25 J	26 J	17 J	140 J
Lead***	25 J	23	26 J	54	2200
Mercury	0.15	0.028 U	0.23	0.13	0.82
Nickel	16 J	32	30 J	15	77
Selenium	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Silver**	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Thallium	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Zinc	39	41 J	53	62 J	740 J
Total Cyanide	0.28 U	0.3 U	0.29 U	0.31 U	6.3

Notes:

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(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)					
Acetone	0.047 U	0.35	0.057 U	0.04	0.026 UJ
Benzene	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromodichloromethane	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromoform	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromomethane	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
2-Butanone	0.019 U	0.17	0.023 U	0.014 U	0.01 UJ
Carbon Disulfide	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Carbon Tetrachloride	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chlorobenzene	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chloroethane	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Chloroform	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chloromethane	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Dibromochloromethane	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1-Dichloroethane	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,2-Dichloroethane	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1-Dichloroethene	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
cis-1,2-Dichloroethene	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
trans-1,2-Dichloroethene	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,2-Dichloropropane	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
cis-1,3-Dichloropropene	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
trans-1,3-Dichloropropene	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Ethylbenzene	0.0095 U	0.021	0.011 U	0.0072 U	0.0052 UJ
2-Hexanone	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
4-Methyl-2-Pentanone	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Methylene Chloride	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Styrene	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,2,2-Tetrachloroethane	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Tetrachloroethene	0.015	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Toluene	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,1-Trichloroethane	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,2-Trichloroethane	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Trichloroethene	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Vinyl Chloride	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
m,p-Xylene	0.0095 U	0.023	0.011 U	0.0072 U	0.0052 UJ
o-Xylene	0.0095 U	0.031	0.011 U	0.0072 U	0.0052 UJ

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Bromophenyl phenyl ether	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Butyl benzyl phthalate	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Carbazole	0.39 U	0.45 U	1.9	0.39 U	0.39 U
4-Chloro-3-methylphenol	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Chloroaniline	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Chloronaphthalene	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Chlorophenol	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Dibenzofuran	0.39 U	0.45 U	1.7	0.39 U	0.39 U
1,2-Dichlorobenzene	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,3-Dichlorobenzene	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,4-Dichlorobenzene	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
3,3'-Dichlorobenzidine	0.78 U	0.89 U	0.77 U	0.77 U	0.78 U
2,4-Dichlorophenol	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Diethyl phthalate	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Dimethyl phthalate	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Di-n-butyl phthalate	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2,4-Dimethylphenol	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	0.29 U	0.34 U	0.29 U	0.29 U	0.29 U
2,6-Dinitrotoluene	0.29 U	0.34 U	0.29 U	0.29 U	0.29 U
Di-n-octyl phthalate	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorobenzene	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorobutadiene	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachloroethane	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Isophorone	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Methylnaphthalene	0.39 U	0.45 U	0.64	0.39 U	0.39 U
2-Methylphenol	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Methylphenol	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Nitroaniline	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Nitrophenol	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2,2'-oxybis(1-Chloropropane)	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Pentachlorophenol	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
Phenol	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	0.78 U	0.89 U	0.77 U	0.77 U	0.78 U
2,4,6-Trichlorophenol	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)					
Acenaphthene	0.029 U	0.059	1	0.029 U	0.029 U
Acenaphthylene	0.05	0.095	0.28	0.029 U	0.029 U
Anthracene	0.067	0.27	5.1	0.029 U	0.075
Benzo(a)anthracene	0.3	0.39	8.1	0.029 U	0.46
Benzo(b)fluoranthene	0.21	0.3	6.9	0.029 U	0.35
Benzo(k)fluoranthene	0.22	0.24	4.9	0.029 U	0.42
Benzo(g,h,i)perylene	0.17	0.087	2	0.029 U	0.39
Benzo(a)pyrene	0.33	0.25	6.3	0.029 U	0.39
Chrysene	0.29	0.44	8.5	0.029 U	0.45
Dibenz(a,h)anthracene	0.057	0.039	0.75	0.029 U	0.076
Fluoranthene	0.76	0.84	23	0.03	0.85
Fluorene	0.029 U	0.15	1.3	0.029 U	0.029 U
Indeno(1,2,3-cd)pyrene	0.16	0.1	2.1	0.029 U	0.19
Naphthalene	0.029 U	0.41	0.33	0.029 U	0.032
Phenanthrone	0.19	0.65	10	0.069	0.36
Pyrene	0.8	0.76	19	0.034	0.81
PCBs (mg/kg)					
Aroclor 1016	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1221	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1232	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1242	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1248	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1254	0.18 U	0.21 U	0.19 U	0.19 U	0.19
Aroclor 1260	0.18 U	0.21 U	0.19 U	0.19 U	0.18 U
Total PCBs	0.820 U	0.970 U	0.855 U	0.850 U	0.815
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.1 UJ	1.3 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	17	5.5	7.3	7.5	9.1
Beryllium	0.71	0.65 U	0.66	0.56 U	0.55 U
Cadmium	0.57 U	0.65 U	0.57 U	0.56 U	1.1
Chromium**	20	15	15	17	14
Copper	32 J	29 J	46 J	26 J	37 J
Lead***	27 J	65	230 J	19	110 J
Mercury	0.19	0.26	1.2	0.029 U	0.33
Nickel	40 J	18	21 J	27	17 J
Selenium	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U
Silver**	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U
Thallium	1.2	1.3 U	1.1 U	1.2	1.1 U
Zinc	50	90 J	120	41 J	220
Total Cyanide	0.3 U	0.8	0.3 U	0.3 U	0.29 U

Notes:

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(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)					
Acetone	0.034 U	0.05 U	0.055 U	0.04 U	0.049 U
Benzene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.91
Bromodichloromethane	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Bromoform	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Bromomethane	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
2-Butanone	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Carbon Disulfide	0.0068 U	0.01 U	0.011 U	0.0079 U	0.011
Carbon Tetrachloride	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chlorobenzene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chloroethane	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Chloroform	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chloromethane	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Dibromochloromethane	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1-Dichloroethane	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,2-Dichloroethane	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1-Dichloroethene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
cis-1,2-Dichloroethene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
trans-1,2-Dichloroethene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,2-Dichloropropane	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
cis-1,3-Dichloropropene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
trans-1,3-Dichloropropene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Ethylbenzene	0.0068 U	0.01 U	0.011 U	0.0079 U	1.5
2-Hexanone	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
4-Methyl-2-Pentanone	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Methylene Chloride	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Styrene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.01
1,1,2,2-Tetrachloroethane	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Tetrachloroethene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Toluene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.017
1,1,1-Trichloroethane	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1,2-Trichloroethane	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Trichloroethene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Vinyl Chloride	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
m,p-Xylene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.019
o-Xylene	0.0068 U	0.01 U	0.011 U	0.0079 U	0.52

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Bis(2-chloroethyl)ether	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Bis(2-ethylhexyl)phthalate	2.9	0.4 U	0.39 U	0.4 U	0.44 U
4-Bromophenyl phenyl ether	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Butyl benzyl phthalate	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Carbazole	0.5	0.4 U	0.39 U	0.4 U	0.44 U
4-Chloro-3-methylphenol	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Chloroaniline	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Chloronaphthalene	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Chlorophenol	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Chlorophenyl phenyl ether	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Dibenzofuran	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,2-Dichlorobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,3-Dichlorobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,4-Dichlorobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
3,3'-Dichlorobenzidine	0.78 U	0.79 U	0.78 U	0.81 U	0.89 U
2,4-Dichlorophenol	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Diethyl phthalate	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Dimethyl phthalate	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Di-n-butyl phthalate	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2,4-Dimethylphenol	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4,6-Dinitro-2-methylphenol	1.9 U	1.9 U	1.9 U	2 U	2.2 U
2,4-Dinitrophenol	1.9 U	1.9 U	1.9 U	2 U	2.2 U
2,4-Dinitrotoluene	0.3 U	0.3 U	0.3 U	0.31 U	0.34 U
2,6-Dinitrotoluene	0.3 U	0.3 U	0.3 U	0.31 U	0.34 U
Di-n-octyl phthalate	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorobutadiene	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorocyclopentadiene	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachloroethane	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Isophorone	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Methylnaphthalene	0.39 U	1	0.39 U	0.65	0.77
2-Methylphenol	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Methylphenol	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Nitroaniline	1.9 U	1.9 U	1.9 U	2 U	2.2 U
3-Nitroaniline	1.9 U	1.9 U	1.9 U	2 U	2.2 U
4-Nitroaniline	1.9 U	1.9 U	1.9 U	2 U	2.2 U
Nitrobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Nitrophenol	1.9 U	1.9 U	1.9 U	2 U	2.2 U
4-Nitrophenol	1.9 U	1.9 U	1.9 U	2 U	2.2 U
N-Nitrosodi-n-propylamine	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
N-Nitrosodiphenylamine	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2,2'-oxybis(1-Chloropropane)	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Pentachlorophenol	1.9 U	1.9 U	1.9 U	2 U	2.2 U
Phenol	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,2,4-Trichlorobenzene	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2,4,5-Trichlorophenol	0.78 U	0.79 U	0.78 U	0.81 U	0.89 U
2,4,6-Trichlorophenol	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)					
Acenaphthene	0.34	0.1	0.078	0.06	0.089
Acenaphthylene	0.11	1.6	0.1	0.11	0.14
Anthracene	0.6	0.54	0.071	0.19	0.27
Benzo(a)anthracene	4.9	2.4	0.11	0.9	1
Benzo(b)fluoranthene	2.8	1.7	0.091	0.66	0.75
Benzo(k)fluoranthene	2	1.5	0.079	0.54	0.52
Benzo(g,h,i)perylene	1.5	1.3	0.086	0.33	0.43
Benzo(a)pyrene	5.2	2.4	0.081	0.72	0.89
Chrysene	4.4	2.2	0.25	0.76	0.95
Dibenzo(a,h)anthracene	0.66	0.8	0.039	0.11	0.14
Fluoranthene	7.5	2.7	0.38	1.4	1.7
Fluorene	0.35	0.16	0.07	0.13	0.19
Indeno(1,2,3-cd)pyrene	1.5	1.1	0.072	0.31	0.4
Naphthalene	0.17	1.1	0.68	3.8	4
Phenanthrone	1.7	2.1	0.34	0.93	1.1
Pyrene	10	5	0.42	1.6	1.8
PCBs (mg/kg)					
Aroclor 1016	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1221	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1232	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1242	0.29	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1248	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1254	0.36	0.19 U	0.19 U	0.19 U	0.22 U
Aroclor 1260	0.18 U	0.19 U	0.19 U	0.19 U	0.22 U
Total PCBs	1.194	0.865 U	0.855 U	0.845 U	0.990 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1.2 J	1.1 UJ	1.1 UJ	1.6 J	1.4 J
Arsenic	3.9	6.7	4.4	13	8.9
Beryllium	0.54 U	0.8	0.56 U	0.87	0.93
Cadmium	1.1	0.87	0.56 U	0.67	1.2
Chromium**	16	18	7.3	19	18
Copper	56 J	36 J	14 J	77 J	32 J
Lead***	96	94 J	79	300 J	170
Mercury	0.33	0.24	0.16	0.95	0.22
Nickel	17	30 J	7.9	26 J	30
Selenium	1.1 U	1.1 U	1.1 U	1.2 U	1.3 U
Silver**	1.1 U	1.1 U	1.1 U	1.2 U	1.3 U
Thallium	1.1 U	1.2	1.1 U	1.2 U	1.3 U
Zinc	250 J	250	77 J	250	170 J
Total Cyanide	0.3 U	0.3 U	0.3 U	0.85	0.34 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)					
Acetone	0.051 U	0.038 U	0.058 U	0.069 U	0.046 U
Benzene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromodichloromethane	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromoform	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromomethane	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
2-Butanone	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Carbon Disulfide	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Carbon Tetrachloride	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chlorobenzene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chloroethane	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Chloroform	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chloromethane	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Dibromochloromethane	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1-Dichloroethane	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,2-Dichloroethane	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1-Dichloroethene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
cis-1,2-Dichloroethene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
trans-1,2-Dichloroethene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,2-Dichloropropane	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
cis-1,3-Dichloropropene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
trans-1,3-Dichloropropene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Ethylbenzene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
2-Hexanone	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
4-Methyl-2-Pentanone	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Methylene Chloride	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Styrene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,2,2-Tetrachloroethane	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Tetrachloroethene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Toluene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,1-Trichloroethane	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,2-Trichloroethane	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Trichloroethene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Vinyl Chloride	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
m,p-Xylene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
o-Xylene	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Bis(2-chloroethyl)ether	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Bis(2-ethylhexyl)phthalate	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Bromophenyl phenyl ether	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Butyl benzyl phthalate	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Carbazole	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chloro-3-methylphenol	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chloroaniline	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Chloronaphthalene	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Chlorophenol	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chlorophenyl phenyl ether	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Dibenzofuran	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,2-Dichlorobenzene	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,3-Dichlorobenzene	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,4-Dichlorobenzene	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
3,3'-Dichlorobenzidine	0.72 U	0.74 U	0.76 U	0.74 U	0.81 U
2,4-Dichlorophenol	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Diethyl phthalate	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Dimethyl phthalate	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Di-n-butyl phthalate	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,4-Dimethylphenol	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4,6-Dinitro-2-methylphenol	1.7 U	1.8 U	1.8 U	1.8 U	2 U
2,4-Dinitrophenol	1.7 U	1.8 U	1.8 U	1.8 U	2 U
2,4-Dinitrotoluene	0.27 U	0.28 U	0.29 U	0.28 U	0.31 U
2,6-Dinitrotoluene	0.27 U	0.28 U	0.29 U	0.28 U	0.31 U
Di-n-octyl phthalate	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorobenzene	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorobutadiene	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorocyclopentadiene	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachloroethane	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Isophorone	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Methylnaphthalene	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Methylphenol	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Methylphenol	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Nitroaniline	1.7 U	1.8 U	1.8 U	1.8 U	2 U
3-Nitroaniline	1.7 U	1.8 U	1.8 U	1.8 U	2 U
4-Nitroaniline	1.7 U	1.8 U	1.8 U	1.8 U	2 U
Nitrobenzene	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Nitrophenol	1.7 U	1.8 U	1.8 U	1.8 U	2 U
4-Nitrophenol	1.7 U	1.8 U	1.8 U	1.8 U	2 U
N-Nitrosodi-n-propylamine	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
N-Nitrosodiphenylamine	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,2'-oxybis(1-Chloropropane)	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Pentachlorophenol	1.7 U	1.8 U	1.8 U	1.8 U	2 U
Phenol	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,2,4-Trichlorobenzene	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,4,5-Trichlorophenol	0.72 U	0.74 U	0.76 U	0.74 U	0.81 U
2,4,6-Trichlorophenol	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration				
	SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)					
Acenaphthene	0.027 U	0.028 U	0.029 U	0.12	0.031 U
Acenaphthylene	0.027 U	0.028 U	0.029 U	0.21	0.031 U
Anthracene	0.13	0.028 U	0.029 U	0.95	0.031 U
Benzo(a)anthracene	0.4	0.028 U	0.029 U	2.6	0.1
Benzo(b)fluoranthene	0.34	0.028 U	0.029 U	1.9	0.093
Benzo(k)fluoranthene	0.3	0.028 U	0.029 U	2.1	0.086
Benzo(g,h,i)perylene	0.083	0.028 U	0.029 U	1.8	0.07
Benzo(a)pyrene	0.38	0.028 U	0.029 U	3.2	0.12
Chrysene	0.38	0.028 U	0.029 U	2.7	0.099
Dibenz(a,h)anthracene	0.034	0.028 U	0.029 U	0.65	0.031 U
Fluoranthene	0.76	0.028 U	0.029 U	4.3	0.18
Fluorene	0.029	0.028 U	0.029 U	0.16	0.031 U
Indeno(1,2,3-cd)pyrene	0.094	0.028 U	0.029 U	1.7	0.068
Naphthalene	0.027 U	1.1	0.029 U	0.18	0.034
Phenanthrone	0.41	0.028 U	0.029 U	3.6	0.055
Pyrene	0.68	0.028 U	0.029 U	5.1	0.18
PCBs (mg/kg)					
Aroclor 1016	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1221	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1232	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1242	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1248	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1254	0.17 U	0.18 U	0.18 U	0.18 U	0.22 U
Aroclor 1260	0.17 U	0.18 U	0.18 U	0.18 U	0.22 U
Total PCBs	0.770 U	0.810 U	0.815 U	0.805 U	0.990 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ
Arsenic	3.4	10	6.8	9.2	16
Beryllium	0.52 U	0.77	0.77	0.56	0.86
Cadmium	0.52 U	0.56 U	0.57 U	0.55 U	0.58 U
Chromium**	9.4	20	19	13	20
Copper	11 J	24 J	28 J	49 J	36 J
Lead***	28 J	15	17	96 J	26
Mercury	0.074	0.029 U	0.029	0.53	0.047
Nickel	11 J	33	32	24 J	39
Selenium	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Silver**	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Thallium	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Zinc	32	41 J	43 J	79	48 J
Total Cyanide	0.27 U	0.29 U	0.29 U	0.28 U	0.31 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration					
	SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	0.052 U	0.068 U	0.084 U	0.063 UJ	0.039 U	0.26
Benzene	0.01 U	2.8	0.017 U	4.7	0.0079 U	0.016 U
Bromodichloromethane	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Bromoform	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Bromomethane	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
2-Butanone	0.021 U	0.027 U	0.033 U	0.031 J	0.016 U	0.14
Carbon Disulfide	0.01 U	0.014 U	0.017 U	27	0.0079 U	0.016 U
Carbon Tetrachloride	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chlorobenzene	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chloroethane	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Chloroform	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chloromethane	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Dibromochloromethane	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,1-Dichloroethane	0.01 U	0.014 U	0.017 U	0.03 J	0.0079 U	0.052
1,2-Dichloroethane	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,1-Dichloroethylene	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
cis-1,2-Dichloroethene	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
trans-1,2-Dichloroethene	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,2-Dichloropropane	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
cis-1,3-Dichloropropene	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
trans-1,3-Dichloropropene	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Ethylbenzene	0.01 U	1.3	0.017 U	680	0.0079 U	0.016 U
2-Hexanone	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
4-Methyl-2-Pentanone	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Methylene Chloride	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Styrene	0.01 U	0.014 U	0.017 U	0.77	0.0079 U	0.016 U
1,1,2,2-Tetrachloroethane	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Tetrachloroethylene	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Toluene	0.01 U	0.095	0.017 U	11	0.0079 U	0.016 U
1,1,1-Trichloroethane	0.01 U	0.014 U	0.64	0.041 J	0.076	0.016 U
1,1,2-Trichloroethane	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Trichloroethylene	0.01 U	0.014 U	0.087	0.013 UJ	0.0079 U	0.016 U
Vinyl Chloride	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
m,p-Xylene	0.01 U	0.024	0.017 U	1800	0.0079 U	0.016
o-Xylene	0.01 U	0.014 U	0.017 U	670	0.0079 U	0.016 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration					
	SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Bis(2-chloroethyl)ether	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Bis(2-ethylhexyl)phthalate	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Bromophenyl phenyl ether	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Butyl benzyl phthalate	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Carbazole	0.35 U	25	0.4 U	1.2 U	1.4	0.64
4-Chloro-3-methylphenol	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Chloroaniline	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Chloronaphthalene	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Chlorophenol	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Chlorophenyl phenyl ether	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Dibenzofuran	0.35 U	20	0.49	1.2 U	0.68	0.7
1,2-Dichlorobenzene	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,3-Dichlorobenzene	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,4-Dichlorobenzene	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
3,3'-Dichlorobenzidine	0.7 U	1 U	0.8 U	2.4 U	0.79 U	0.95 U
2,4-Dichlorophenol	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Diethyl phthalate	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Dimethyl phthalate	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Di-n-butyl phthalate	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2,4-Dimethylphenol	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4,6-Dinitro-2-methylphenol	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
2,4-Dinitrophenol	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
2,4-Dinitrotoluene	0.27 U	0.39 U	0.3 U	0.89 U	0.3 U	0.36 U
2,6-Dinitrotoluene	0.27 U	0.39 U	0.3 U	0.89 U	0.3 U	0.36 U
Di-n-octyl phthalate	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorobenzene	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorobutadiene	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorocyclopentadiene	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachloroethane	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Isophorone	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Methylnaphthalene	0.35 U	12	2.8	17	0.62	0.47 U
2-Methylphenol	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Methylphenol	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Nitroaniline	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
3-Nitroaniline	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
4-Nitroaniline	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
Nitrobenzene	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Nitrophenol	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
4-Nitrophenol	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
N-Nitrosodi-n-propylamine	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
N-Nitrosodiphenylamine	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2, 2'-oxybis(1-Chloropropane)	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Pentachlorophenol	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
Phenol	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,2,4-Trichlorobenzene	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2,4,5-Trichlorophenol	0.7 U	1 U	0.8 U	2.4 U	0.79 U	0.95 U
2,4,6-Trichlorophenol	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

Table 1 (Continued)
Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte	Sample Location and Depth (feet below ground surface)/Concentration					
	SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	0.054	8.2	0.035	0.2	0.31	0.44
Acenaphthylene	0.027 U	2.6	0.11	0.39	0.3	0.28
Anthracene	0.11	22	0.16	0.23	1.7	2.3
Benzo(a)anthracene	2.4	23	0.64	1.1	5.6	6.6
Benzo(b)fluoranthene	5.3	11	0.77	0.27	3.4	4.6
Benzo(k)fluoranthene	3.7	6.9	0.49	0.33	2.8	3.2
Benzo(g,h,i)perylene	4	4.2	0.36	0.2	1.9	2.4
Benzo(a)pyrene	4.6	12	0.64	0.14	5.6	3.6
Chrysene	3.4	18	0.73	1.2	4.3	6.5
Dibenzo(a,h)anthracene	1.5	2.2	0.11	0.089 U	1.1	1.1
Fluoranthene	1.6	52	1.2	1.9	7.6	9.9
Fluorene	0.043	21	0.073	0.46	0.44	0.74
Indeno(1,2,3-cd)pyrene	3.5	4	0.34	0.21	2.1	2.7
Naphthalene	0.14	7.1	2.2	180	0.64	0.54
Phenanthrene	0.51	82	1.6	2	4.9	5.2
Pyrene	1.8	37	1.2	2.4	7	9.6
PCBs (mg/kg)						
Aroclor 1016	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1221	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1232	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1242	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1248	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1254	0.17 U	0.25 U	0.19 U	0.2 U	0.19 U	0.23 U
Aroclor 1260	0.17 U	0.25 U	0.19 U	0.2 U	0.19 U	0.23 U
Total PCBs	0.765 U	1.150 U	0.865 U	0.895 U	0.860 U	1.010 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	1 UJ	3.6 J	4.6 J	1.2 UJ	3 J	1.6 J
Arsenic	2.3	14	19	7.8	10	15
Beryllium	0.5 U	2.5	2.1	0.64	0.97	0.68 U
Cadmium	0.5 U	1.4	1.9	0.6 U	0.59 U	0.83
Chromium**	6.9	220	26	16	15	19
Copper	10 J	59 J	76 J	42 J	45 J	210 J
Lead***	28 J	210	1600 J	250	330 J	2200
Mercury	0.43	0.21	1.3	0.14	1.3	2.2
Nickel	5.2 J	110	16 J	26	20 J	21
Selenium	1 U	1.5 U	1.4	1.2 U	1.2 U	1.6
Silver**	1 U	1.5 U	1.2 U	1.2 U	1.2 U	1.4 U
Thallium	1 U	1.5 U	1.2 U	1.2 U	1.2 U	1.4 U
Zinc	36	110 J	180	69 J	150	320 J
Total Cyanide	0.27 U	3.8	0.3 U	1.8	23	0.36 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) WT ~ NE - Water Table Not Encountered.

Table 2
Statistical Summary of Soil Analytical Results
Hawthorne Regulator Station

Compound/Analyte*	Minimum Detected Concentration	Minimum Concentration Probe Location	Maximum Concentration	Maximum Concentration Probe Location	Number of Detected Samples	Number of Samples
TCL VOCs (mg/kg)						
Acetone	0.04	SP26-002	0.35	SP25-002	11	41
Benzene	0.03	SP16-002	25	SP24-001	7	41
2-Butanone	0.031	SP33-002	0.17	SP25-002	4	41
Carbon Disulfide	0.011	SP29-002	27	SP33-002	4	41
1,1-Dichloroethane	0.03	SP33-002	0.052	SP34-002	2	41
Ethylbenzene	0.021	SP25-002	680	SP33-002	7	41
Styrene	0.01	SP29-002	0.77	SP33-002	4	41
Tetrachloroethene	0.015	SP25-002	--	--	1	41
Toluene	0.017	SP29-002	11	SP33-002	6	41
1,1,1-Trichloroethane	0.041	SP33-002	0.64	SP33-001	3	41
Trichloroethene	0.087	SP33-001	--	--	1	41
m,p-Xylene	0.016	SP34-002	1800	SP33-002	8	41
o-Xylene	0.031	SP25-002	670	SP33-002	6	41
TCL SVOCs (mg/kg)						
Bis(2-ethylhexyl)phthalate	0.97	SP24-001	2.9	SP27-002	2	41
Carbazole	0.41	SP13-001	25	SP32-002	9	41
Dibenzofuran	0.4	SP18-001	20	SP32-002	9	41
2-Methylnaphthalene	0.51	SP18-001	106	SP24-001	14	41
PAHs (mg/kg)						
Acenaphthene	0.031	SP14A-001	8.2	SP32-002	23	41
Acenaphthylene	0.04	SP22B-001	4.8	SP20-002	22	41
Anthracene	0.031	SP21B-001	22	SP32-002	31	41
Benzo(a)anthracene	0.082	SP14B-001	23	SP32-002	33	41
Benzo(b)fluoranthene	0.043	SP23-001	11	SP32-002	33	41
Benzo(k)fluoranthene	0.03	SP23-001	6.9	SP32-002	33	41
Benzo(g,h,i)perylene	0.036	SP21B-001	4.2	SP32-002	32	41
Benzo(a)pyrene	0.051	SP23-001	7.5	SP19-001	33	41
Chrysene	0.088	SP14B-001	18	SP32-002	33	41
Dibenzo(a,h)anthracene	0.034	SP23-002 SP30-001	2.2	SP32-002	25	41
Fluoranthene	0.03	SP26-002	52	SP32-002	35	41
Fluorene	0.029	SP30-001	21	SP32-002	24	41
Indeno(1,2,3-cd)pyrene	0.038	SP21B-001	4	SP32-002	31	41
Naphthalene	0.029	SP22B-001	180	SP33-002	30	41
Phenanthrene	0.032	SP22B-002	82	SP32-002	35	41
Pyrene	0.034	SP26-002	37	SP32-002	36	41
PCBs (mg/kg)						
Aroclor 1242	0.29	SP27-002	--	--	1	41
Aroclor 1254	0.19	SP27-001	0.36	SP27-002	2	41
Total PCBs	0.815	SP27-001	1,194	SP27-002	2	41

Notes:

(1) * - Compound/analyte detected in at least one sample, compounds not detected were excluded from the table.

(2) -- - Compound/analyte detected in only one sample.

Table 2 (Continued)
 Statistical Summary of Soil Analytical Results
 Hawthorne Regulator Station

Compound/Analyte*	Minimum Detected Concentration	Minimum Concentration Probe Location	Maximum Concentration	Maximum Concentration Probe Location	Number of Detected Samples	Number of Samples
Priority Pollutant Metals (mg/kg)						
Antimony	1.2	SP14A-001 SP27-002	13	SP24-001	12	41
Arsenic	2.3	SP32-001	23	SP16-001	41	41
Beryllium	0.56	SP31-001	2.5	SP32-002	24	41
Cadmium	0.61	SP19-001	4.1	SP16-001	14	41
Chromium	6.9	SP32-001	220	SP32-002	41	41
Copper	8.5	SP21B-001	210	SP34-002	41	41
Lead	15	SP13-002 SP30-003	2200	SP24-001 SP34-002	41	41
Mercury	0.029	SP30-003	2.2	SP34-002	38	41
Nickel	5.2	SP32-001	110	SP32-002	41	41
Selenium	1.4	SP33-001 SP16-001	1.6	SP34-002	3	41
Silver	1.9	SP18-001	--	--	1	41
Thallium	1.2	SP18-001 SP25-001 SP26-002 SP28-001	1.8	SP14B-001	15	41
Zinc	32	SP30-001	1400	SP16-001	41	41
Total Cyanide	0.8	SP25-002	150	SP20-002	8	41

Notes:

(1) * - Compound/analyte detected in at least one sample, compounds not detected were excluded from the table.

(2) -- - Compound/analyte detected in only one sample.

Table 3
Physical Soil Results
Hawthorne Regulator Station

	Sample Location and Depth (feet below ground surface)	
	SP19-001 1-3	SP16-301 8-10
pH	7.9	7.8
Total Organic Carbon (TOC) (%)	4.99	3.70
Moisture Content (%)	17.64	17.9
Gravel Fraction (%)	NA	2.9
Sand Fraction (%)	NA	18.5
Fines Fraction (%)	NA	78.6
Soil Classification	NA	Clay (CL)

Note:

(1) NA - Not analyzed.

Table 4
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP14A-001 2-3	SP17-001 1-2	SP18-001 2-3	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	200,000	0.029 U	0.042 U	0.047 U	0.057 U	0.057 U
Benzene	100	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Bromodichloromethane	92	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Bromoform	720	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Bromomethane	2,900	0.012 U	0.017 U	0.019 U	0.023 U	0.023 U
2-Butanone	--	0.012 U	0.017 U	0.019 U	0.023 U	0.023 U
Carbon Disulfide	200,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Carbon Tetrachloride	44	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Chlorobenzene	41,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Chloroethane	--	0.012 U	0.017 U	0.019 U	0.023 U	0.023 U
Chloroform	940	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Chloromethane	--	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Dibromochloromethane	41,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
1,1-Dichloroethane	200,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
1,2-Dichloroethane	63	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
1,1-Dichloroethene	18,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
cis-1,2-Dichloroethene	20,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
trans-1,2-Dichloroethene	41,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
1,2-Dichloropropane	84	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
cis-1,3-Dichloropropene	57	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
trans-1,3-Dichloropropene	57	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Ethylbenzene	200,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
2-Hexanone	--	0.012 U	0.017 U	0.019 U	0.023 U	0.023 U
4-Methyl-2-Pentanone	--	0.012 U	0.017 U	0.019 U	0.023 U	0.023 U
Methylene Chloride	760	0.012 U	0.017 U	0.019 U	0.023 U	0.023 U
Styrene	410,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
1,1,2,2-Tetrachloroethane	--	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Tetrachloroethene	110	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Toluene	410,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
1,1,1-Trichloroethane	--	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
1,1,2-Trichloroethane	8,200	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Trichloroethene	520	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
Vinyl Chloride	7.9	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
m,p-Xylene	1,000,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U
o-Xylene	1,000,000	0.0059 U	0.0084 U	0.0094 U	0.011 U	0.011 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 4 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP14A-001 2-3	SP17-001 1-2	SP18-001 2-3	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Bis(2-chloroethyl)ether	5	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Bis(2-ethylhexyl)phthalate	410	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
4-Bromophenyl phenyl ether	--	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Butyl benzyl phthalate	410,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Carbazole	290	0.41	0.38 U	0.4 U	1	4.8
4-Chloro-3-methylphenol	--	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
4-Chloroaniline	8,200	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
2-Chloronaphthalene	--	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
2-Chlorophenol	10,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Dibenzofuran	--	0.38 U	0.38 U	0.4 U	0.4	2.3
1,2-Dichlorobenzene	180,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
1,3-Dichlorobenzene	--	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
1,4-Dichlorobenzene	--	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
3,3'-Dichlorobenzidine	13	0.76 U	0.76 U	0.8 U	0.76 U	0.77 U
2,4-Dichlorophenol	6,100	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Diethyl phthalate	1,000,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Dimethyl phthalate	--	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Di-n-butyl phthalate	200,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
2,4-Dimethylphenol	41,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U
2,4-Dinitrophenol	4,100	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U
2,4-Dinitrotoluene	8	0.29 U	0.29 U	0.3 U	0.29 U	0.29 U
2,6-Dinitrotoluene	8.4	0.29 U	0.29 U	0.3 U	0.29 U	0.29 U
Di-n-octyl phthalate	41,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Hexachlorobenzene	4	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Hexachlorobutadiene	--	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Hexachlorocyclopentadiene	14,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Hexachloroethane	2,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Isophorone	410,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
2-Methylnaphthalene	--	0.38 U	1.2	0.4 U	0.51	0.99
2-Methylphenol	100,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
4-Methylphenol	--	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
2-Nitroaniline	--	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U
3-Nitroaniline	--	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U
4-Nitroaniline	--	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U
Nitrobenzene	1,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
2-Nitrophenol	--	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U
4-Nitrophenol	--	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U
N-Nitrosodi-n-propylamine	0.8	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
N-Nitrosodiphenylamine	1,200	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
2, 2'-oxybis(1-Chloropropane)	--	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
Pentachlorophenol	24	1.8 U	1.8 U	1.9 U	1.8 U	1.9 U
Phenol	1,000,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
1,2,4-Trichlorobenzene	20,000	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U
2,4,5-Trichlorophenol	200,000	0.76 U	0.76 U	0.8 U	0.76 U	0.77 U
2,4,6-Trichlorophenol	520	0.38 U	0.38 U	0.4 U	0.38 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 4 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP14A-001 2-3	SP17-001 1-2	SP18-001 2-3	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	120,000	0.22	0.031	0.12	0.61	2.2
Acenaphthylene	--	0.041	0.029 U	0.03 U	1.4	0.32
Anthracene	610,000	1.5	0.17	0.27	2.1	7.4
Benzo(a)anthracene	8	1.3	0.49	0.59	4.9	9.1
Benzo(b)fluoranthene	8	1.3	0.37	0.29	3.7	7.5
Benzo(k)fluoranthene	78	0.92	0.42	0.25	3.2	5.8
Benzo(g,h,i)perylene	--	0.72	0.096	0.13	1.8	3.4
Benzo(a)pyrene	0.8	1.3	0.42	0.31	4.9	7.5
Chrysene	780	1.4	0.52	0.6	5	8.8
Dibeno(a,h)anthracene	0.8	0.16	0.045	0.054	0.71	1.4
Fluoranthene	82,000	2.5	0.84	1.3	9.5	23
Fluorene	82,000	0.15	0.036	0.13	0.86	3
Indeno(1,2,3-cd)pyrene	8	0.7	0.096	0.13	1.8	3.4
Naphthalene	41,000	0.074	0.56	0.03 U	0.55	1
Phenanthrene	--	1.4	0.77	1.1	5.9	22
Pyrene	61,000	2.3	0.88	1.2	10	19
PCBs (mg/kg)						
Aroclor 1016	--	0.091 U	0.09 U	0.096 U	0.093 U	0.094 U
Aroclor 1221	--	0.091 U	0.09 U	0.096 U	0.093 U	0.094 U
Aroclor 1232	--	0.091 U	0.09 U	0.096 U	0.093 U	0.094 U
Aroclor 1242	--	0.091 U	0.09 U	0.096 U	0.093 U	0.094 U
Aroclor 1248	--	0.091 U	0.09 U	0.096 U	0.093 U	0.094 U
Aroclor 1254	--	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Aroclor 1260	--	0.18 U	0.18 U	0.19 U	0.19 U	0.19 U
Total PCBs	1	0.815 U	0.810 U	0.860 U	0.845 U	0.850 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	820	1.1 UJ	1.2 J	1.2 UJ	1.4 J	1.1 UJ
Arsenic	13	8.7	8.1	9.9	16	8.8
Beryllium	4,100	0.94	0.81	0.92	0.65	1
Cadmium	2,000	0.62	0.65	0.6 U	1.5	0.61
Chromium	6,100	16	14	24	17	20
Copper	82,000	31 J	29 J	29 J	82 J	63 J
Lead	400	110 J	94 J	37 J	870 J	120 J
Mercury	610	0.41	0.16	0.079	1.6	0.4
Nickel	41,000	22 J	20 J	33 J	22 J	27 J
Selenium	10,000	1.1 U	1.2 U	1.2 U	1.1 U	1.1 U
Silver	10,000	1.1 U	1.2 U	1.2 U	1.9	1.1 U
Thallium	160	1.4	1.3	1.5	1.2	1.4
Zinc	610,000	120	110	56	320	110
Total Cyanide	41,000	0.29 U	0.29 U	0.3 U	0.29 U	0.3 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 4 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP20-001 0.5-1.5	SP21B-001 2-3	SP22B-001 2-3	SP23-001 1-2	SP25-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	200,000	0.049 U	0.041 U	0.043 U	0.061 U	0.047 U
Benzene	100	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Bromodichloromethane	92	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Bromoform	720	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Bromomethane	2,900	0.02 U	0.016 U	0.017 U	0.024 U	0.019 U
2-Butanone	--	0.02 U	0.016 U	0.017 U	0.024 U	0.019 U
Carbon Disulfide	200,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Carbon Tetrachloride	44	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Chlorobenzene	41,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Chloroethane	--	0.02 U	0.016 U	0.017 U	0.024 U	0.019 U
Chloroform	940	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Chloromethane	--	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Dibromochloromethane	41,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
1,1-Dichloroethane	200,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
1,2-Dichloroethane	63	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
1,1-Dichloroethene	18,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
cis-1,2-Dichloroethene	20,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
trans-1,2-Dichloroethene	41,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
1,2-Dichloropropane	84	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
cis-1,3-Dichloropropene	57	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
trans-1,3-Dichloropropene	57	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Ethylbenzene	200,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
2-Hexanone	--	0.02 U	0.016 U	0.017 U	0.024 U	0.019 U
4-Methyl-2-Pentanone	--	0.02 U	0.016 U	0.017 U	0.024 U	0.019 U
Methylene Chloride	760	0.02 U	0.016 U	0.017 U	0.024 U	0.019 U
Styrene	410,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
1,1,2,2-Tetrachloroethane	--	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Tetrachloroethene	110	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.015
Toluene	410,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
1,1,1-Trichloroethane	--	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
1,1,2-Trichloroethane	8,200	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Trichloroethene	520	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
Vinyl Chloride	7.9	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
m,p-Xylene	1,000,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U
o-Xylene	1,000,000	0.0098 U	0.0081 U	0.0087 U	0.012 U	0.0095 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 4 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP20-001 0.5-1.5	SP21B-001 2-3	SP22B-001 2-3	SP23-001 1-2	SP25-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Bis(2-chloroethyl)ether	5	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Bis(2-ethylhexyl)phthalate	410	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
4-Bromophenyl phenyl ether	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Butyl benzyl phthalate	410,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Carbazole	290	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
4-Chloro-3-methylphenol	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
4-Chloroaniline	8,200	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
2-Chloronaphthalene	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
2-Chlorophenol	10,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Dibenzofuran	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
1,2-Dichlorobenzene	180,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
1,3-Dichlorobenzene	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
1,4-Dichlorobenzene	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
3,3'-Dichlorobenzidine	13	0.77 U	0.76 U	0.73 U	0.77 U	0.78 U
2,4-Dichlorophenol	6,100	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Diethyl phthalate	1,000,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Dimethyl phthalate	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Di-n-butyl phthalate	200,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
2,4-Dimethylphenol	41,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrophenol	4,100	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrotoluene	8	0.29 U	0.29 U	0.27 U	0.29 U	0.29 U
2,6-Dinitrotoluene	8.4	0.29 U	0.29 U	0.27 U	0.29 U	0.29 U
Di-n-octyl phthalate	41,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Hexachlorobenzene	4	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Hexachlorobutadiene	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Hexachlorocyclopentadiene	14,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Hexachloroethane	2,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Isophorone	410,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
2-Methylnaphthalene	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
2-Methylphenol	100,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
4-Methylphenol	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
2-Nitroaniline	--	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U
Nitrobenzene	1,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
2-Nitrophenol	--	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	0.8	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
N-Nitrosodiphenylamine	1,200	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
2, 2'-oxybis(1-Chloropropane)	--	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
Pentachlorophenol	24	1.9 U	1.8 U	1.8 U	1.9 U	1.9 U
Phenol	1,000,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
1,2,4-Trichlorobenzene	20,000	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U
2,4,5-Trichlorophenol	200,000	0.77 U	0.76 U	0.73 U	0.77 U	0.78 U
2,4,6-Trichlorophenol	520	0.38 U	0.38 U	0.36 U	0.38 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 4 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP20-001 0.5-1.5	SP21B-001 2-3	SP22B-001 2-3	SP23-001 1-2	SP25-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	120,000	0.029 U	0.029 U	0.027 U	0.029 U	0.029 U
Acenaphthylene	--	0.029 U	0.029 U	0.04	0.029 U	0.05
Anthracene	610,000	0.037	0.031	0.039	0.035	0.067
Benzo(a)anthracene	8	0.12	0.17	0.17	0.19	0.3
Benzo(b)fluoranthene	8	0.13	0.099	0.11	0.043	0.21
Benzo(k)fluoranthene	78	0.11	0.079	0.083	0.03	0.22
Benzo(g,h,i)perylene	--	0.072	0.036	0.052	0.039	0.17
Benzo(a)pyrene	0.8	0.13	0.085	0.1	0.051	0.33
Chrysene	780	0.13	0.17	0.17	0.23	0.29
Dibeno(a,h)anthracene	0.8	0.029 U	0.029 U	0.027 U	0.029 U	0.057
Fluoranthene	82,000	0.21	0.27	0.26	0.11	0.76
Fluorene	82,000	0.029 U	0.029 U	0.027 U	0.029 U	0.029 U
Indeno(1,2,3-cd)pyrene	8	0.064	0.038	0.051	0.029 U	0.16
Naphthalene	41,000	0.029 U	0.029 U	0.029	0.034	0.029 U
Phenanthrene	--	0.087	0.085	0.11	0.054	0.19
Pyrene	61,000	0.24	0.28	0.29	0.25	0.8
PCBs (mg/kg)						
Aroclor 1016	--	0.094 U	0.091 U	0.088 U	0.092 U	0.092 U
Aroclor 1221	--	0.094 U	0.091 U	0.088 U	0.092 U	0.092 U
Aroclor 1232	--	0.094 U	0.091 U	0.088 U	0.092 U	0.092 U
Aroclor 1242	--	0.094 U	0.091 U	0.088 U	0.092 U	0.092 U
Aroclor 1248	--	0.094 U	0.091 U	0.088 U	0.092 U	0.092 U
Aroclor 1254	--	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Aroclor 1260	--	0.19 U	0.18 U	0.18 U	0.18 U	0.18 U
Total PCBs	1	0.850 U	0.815 U	0.800 U	0.820 U	0.820 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	820	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	13	11	2.8	4.7	5.9	17
Beryllium	4,100	0.7	0.55 U	0.54 U	0.55 U	0.71
Cadmium	2,000	0.55 U	0.55 U	0.54 U	0.55 U	0.57 U
Chromium	6,100	23	7.5	9.7	23	20
Copper	82,000	23 J	8.5 J	12 J	26 J	32 J
Lead	400	98 J	26 J	25 J	26 J	27 J
Mercury	610	0.15	0.048	0.15	0.23	0.19
Nickel	41,000	26 J	8.6 J	16 J	30 J	40 J
Selenium	10,000	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Silver	10,000	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Thallium	160	1.4	1.1 U	1.1 U	1.1 U	1.2
Zinc	610,000	74	53	39	53	50
Total Cyanide	41,000	1.5	0.29 U	0.28 U	0.29 U	0.3 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 4 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP26-001 2-3	SP27-001 2-3	SP28-001 1-2	SP29-001 2-3	SP30-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	200,000	0.057 U	0.026 UJ	0.05 U	0.04 U	0.051 U
Benzene	100	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Bromodichloromethane	92	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Bromoform	720	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Bromomethane	2,900	0.023 U	0.01 UJ	0.02 U	0.016 U	0.021 U
2-Butanone	--	0.023 U	0.01 UJ	0.02 U	0.016 U	0.021 U
Carbon Disulfide	200,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Carbon Tetrachloride	44	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Chlorobenzene	41,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Chloroethane	--	0.023 U	0.01 UJ	0.02 U	0.016 U	0.021 U
Chloroform	940	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Chloromethane	--	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Dibromochloromethane	41,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
1,1-Dichloroethane	200,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
1,2-Dichloroethane	63	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
1,1-Dichloroethene	18,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
cis-1,2-Dichloroethene	20,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
trans-1,2-Dichloroethene	41,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
1,2-Dichloropropane	84	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
cis-1,3-Dichloropropene	57	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
trans-1,3-Dichloropropene	57	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Ethylbenzene	200,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
2-Hexanone	--	0.023 U	0.01 UJ	0.02 U	0.016 U	0.021 U
4-Methyl-2-Pentanone	--	0.023 U	0.01 UJ	0.02 U	0.016 U	0.021 U
Methylene Chloride	760	0.023 U	0.01 UJ	0.02 U	0.016 U	0.021 U
Styrene	410,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
1,1,2,2-Tetrachloroethane	--	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Tetrachloroethene	110	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Toluene	410,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
1,1,1-Trichloroethane	--	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
1,1,2-Trichloroethane	8,200	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Trichloroethene	520	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
Vinyl Chloride	7.9	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
m,p-Xylene	1,000,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U
o-Xylene	1,000,000	0.011 U	0.0052 UJ	0.01 U	0.0079 U	0.01 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 4 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP26-001 2-3	SP27-001 2-3	SP28-001 1-2	SP29-001 2-3	SP30-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Bis(2-chloroethyl)ether	5	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Bis(2-ethylhexyl)phthalate	410	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
4-Bromophenyl phenyl ether	--	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Butyl benzyl phthalate	410,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Carbazole	290	1.9	0.39 U	0.4 U	0.4 U	0.36 U
4-Chloro-3-methylphenol	--	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
4-Chloroaniline	8,200	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
2-Chloronaphthalene	--	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
2-Chlorophenol	10,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Dibenzofuran	--	1.7	0.39 U	0.4 U	0.4 U	0.36 U
1,2-Dichlorobenzene	180,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
1,3-Dichlorobenzene	--	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
1,4-Dichlorobenzene	--	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
3,3'-Dichlorobenzidine	13	0.77 U	0.78 U	0.79 U	0.81 U	0.72 U
2,4-Dichlorophenol	6,100	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Diethyl phthalate	1,000,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Dimethyl phthalate	--	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Di-n-butyl phthalate	200,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
2,4-Dimethylphenol	41,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.9 U	2 U	1.7 U
2,4-Dinitrophenol	4,100	1.9 U	1.9 U	1.9 U	2 U	1.7 U
2,4-Dinitrotoluene	8	0.29 U	0.29 U	0.3 U	0.31 U	0.27 U
2,6-Dinitrotoluene	8.4	0.29 U	0.29 U	0.3 U	0.31 U	0.27 U
Di-n-octyl phthalate	41,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Hexachlorobenzene	4	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Hexachlorobutadiene	--	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Hexachlorocyclopentadiene	14,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Hexachloroethane	2,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Isophorone	410,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
2-Methylnaphthalene	--	0.64	0.39 U	1	0.65	0.36 U
2-Methylphenol	100,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
4-Methylphenol	--	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
2-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	1.7 U
3-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	1.7 U
4-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	1.7 U
Nitrobenzene	1,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
2-Nitrophenol	--	1.9 U	1.9 U	1.9 U	2 U	1.7 U
4-Nitrophenol	--	1.9 U	1.9 U	1.9 U	2 U	1.7 U
N-Nitrosodi-n-propylamine	0.8	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
N-Nitrosodiphenylamine	1,200	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
2, 2'-oxybis(1-Chloropropane)	--	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
Pentachlorophenol	24	1.9 U	1.9 U	1.9 U	2 U	1.7 U
Phenol	1,000,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
1,2,4-Trichlorobenzene	20,000	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U
2,4,5-Trichlorophenol	200,000	0.77 U	0.78 U	0.79 U	0.81 U	0.72 U
2,4,6-Trichlorophenol	520	0.39 U	0.39 U	0.4 U	0.4 U	0.36 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 4 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP26-001 2-3	SP27-001 2-3	SP28-001 1-2	SP29-001 2-3	SP30-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	120,000	1	0.029 U	0.1	0.06	0.027 U
Acenaphthylene	--	0.28	0.029 U	1.6	0.11	0.027 U
Anthracene	610,000	5.1	0.075	0.54	0.19	0.13
Benzo(a)anthracene	8	8.1	0.46	2.4	0.9	0.4
Benzo(b)fluoranthene	8	6.9	0.35	1.7	0.66	0.34
Benzo(k)fluoranthene	78	4.9	0.42	1.5	0.54	0.3
Benzo(g,h,i)perylene	--	2	0.39	1.3	0.33	0.083
Benzo(a)pyrene	0.8	6.3	0.39	2.4	0.72	0.38
Chrysene	780	8.5	0.45	2.2	0.76	0.38
Dibeno(a,h)anthracene	0.8	0.75	0.076	0.8	0.11	0.034
Fluoranthene	82,000	23	0.85	2.7	1.4	0.76
Fluorene	82,000	1.3	0.029 U	0.16	0.13	0.029
Indeno(1,2,3-cd)pyrene	8	2.1	0.19	1.1	0.31	0.094
Naphthalene	41,000	0.33	0.032	1.1	3.8	0.027 U
Phenanthrene	--	10	0.36	2.1	0.93	0.41
Pyrene	61,000	19	0.81	5	1.6	0.68
PCBs (mg/kg)						
Aroclor 1016	--	0.095 U	0.089 U	0.097 U	0.093 U	0.086 U
Aroclor 1221	--	0.095 U	0.089 U	0.097 U	0.093 U	0.086 U
Aroclor 1232	--	0.095 U	0.089 U	0.097 U	0.093 U	0.086 U
Aroclor 1242	--	0.095 U	0.089 U	0.097 U	0.093 U	0.086 U
Aroclor 1248	--	0.095 U	0.089 U	0.097 U	0.093 U	0.086 U
Aroclor 1254	--	0.19 U	0.19	0.19 U	0.19 U	0.17 U
Aroclor 1260	--	0.19 U	0.18 U	0.19 U	0.19 U	0.17 U
Total PCBs	1	0.855 U	0.815 U	0.865 U	0.845 U	0.770 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	820	1.1 UJ	1.1 UJ	1.1 UJ	1.6 J	1 UJ
Arsenic	13	7.3	9.1	6.7	13	3.4
Beryllium	4,100	0.66	0.55 U	0.8	0.87	0.52 U
Cadmium	2,000	0.57 U	1.1	0.87	0.67	0.52 U
Chromium	6,100	15	14	18	19	9.4
Copper	82,000	46 J	37 J	36 J	77 J	11 J
Lead	400	230 J	110 J	94 J	300 J	28 J
Mercury	610	1.2	0.33	0.24	0.95	0.074
Nickel	41,000	21 J	17 J	30 J	26 J	11 J
Selenium	10,000	1.1 U	1.1 U	1.1 U	1.2 U	1 U
Silver	10,000	1.1 U	1.1 U	1.1 U	1.2 U	1 U
Thallium	160	1.1 U	1.1 U	1.2	1.2 U	1 U
Zinc	610,000	120	220	250	250	32
Total Cyanide	41,000	0.3 U	0.29 U	0.3 U	0.85	0.27 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 4 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		SP31-001 1-2	SP32-001 2-3	SP33-001 2-3	SP34-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)					
Acetone	200,000	0.069 U	0.052 U	0.084 U	0.039 U
Benzene	100	0.014 U	0.01 U	0.017 U	0.0079 U
Bromodichloromethane	92	0.014 U	0.01 U	0.017 U	0.0079 U
Bromoform	720	0.014 U	0.01 U	0.017 U	0.0079 U
Bromomethane	2,900	0.028 U	0.021 U	0.033 U	0.016 U
2-Butanone	--	0.028 U	0.021 U	0.033 U	0.016 U
Carbon Disulfide	200,000	0.014 U	0.01 U	0.017 U	0.0079 U
Carbon Tetrachloride	44	0.014 U	0.01 U	0.017 U	0.0079 U
Chlorobenzene	41,000	0.014 U	0.01 U	0.017 U	0.0079 U
Chloroethane	--	0.028 U	0.021 U	0.033 U	0.016 U
Chloroform	940	0.014 U	0.01 U	0.017 U	0.0079 U
Chloromethane	--	0.014 U	0.01 U	0.017 U	0.0079 U
Dibromochloromethane	41,000	0.014 U	0.01 U	0.017 U	0.0079 U
1,1-Dichloroethane	200,000	0.014 U	0.01 U	0.017 U	0.0079 U
1,2-Dichloroethane	63	0.014 U	0.01 U	0.017 U	0.0079 U
1,1-Dichloroethene	18,000	0.014 U	0.01 U	0.017 U	0.0079 U
cis-1,2-Dichloroethene	20,000	0.014 U	0.01 U	0.017 U	0.0079 U
trans-1,2-Dichloroethene	41,000	0.014 U	0.01 U	0.017 U	0.0079 U
1,2-Dichloropropane	84	0.014 U	0.01 U	0.017 U	0.0079 U
cis-1,3-Dichloropropene	57	0.014 U	0.01 U	0.017 U	0.0079 U
trans-1,3-Dichloropropene	57	0.014 U	0.01 U	0.017 U	0.0079 U
Ethylbenzene	200,000	0.014 U	0.01 U	0.017 U	0.0079 U
2-Hexanone	--	0.028 U	0.021 U	0.033 U	0.016 U
4-Methyl-2-Pentanone	--	0.028 U	0.021 U	0.033 U	0.016 U
Methylene Chloride	760	0.028 U	0.021 U	0.033 U	0.016 U
Styrene	410,000	0.014 U	0.01 U	0.017 U	0.0079 U
1,1,2,2-Tetrachloroethane	--	0.014 U	0.01 U	0.017 U	0.0079 U
Tetrachloroethene	110	0.014 U	0.01 U	0.017 U	0.0079 U
Toluene	410,000	0.014 U	0.01 U	0.017 U	0.0079 U
1,1,1-Trichloroethane	--	0.014 U	0.01 U	0.64	0.076
1,1,2-Trichloroethane	8,200	0.014 U	0.01 U	0.017 U	0.0079 U
Trichloroethene	520	0.014 U	0.01 U	0.087	0.0079 U
Vinyl Chloride	7.9	0.014 U	0.01 U	0.017 U	0.0079 U
m,p-Xylene	1,000,000	0.014 U	0.01 U	0.017 U	0.0079 U
o-Xylene	1,000,000	0.014 U	0.01 U	0.017 U	0.0079 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 4 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		SP31-001 1-2	SP32-001 2-3	SP33-001 2-3	SP34-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)					
Bis(2-chloroethoxy)methane	--	0.37 U	0.35 U	0.4 U	0.4 U
Bis(2-chloroethyl)ether	5	0.37 U	0.35 U	0.4 U	0.4 U
Bis(2-ethylhexyl)phthalate	410	0.37 U	0.35 U	0.4 U	0.4 U
4-Bromophenyl phenyl ether	--	0.37 U	0.35 U	0.4 U	0.4 U
Butyl benzyl phthalate	410,000	0.37 U	0.35 U	0.4 U	0.4 U
Carbazole	290	0.37 U	0.35 U	0.4 U	1.4
4-Chloro-3-methylphenol	--	0.37 U	0.35 U	0.4 U	0.4 U
4-Chloroaniline	8,200	0.37 U	0.35 U	0.4 U	0.4 U
2-Chloronaphthalene	--	0.37 U	0.35 U	0.4 U	0.4 U
2-Chlorophenol	10,000	0.37 U	0.35 U	0.4 U	0.4 U
4-Chlorophenyl phenyl ether	--	0.37 U	0.35 U	0.4 U	0.4 U
Dibenzofuran	--	0.37 U	0.35 U	0.49	0.68
1,2-Dichlorobenzene	180,000	0.37 U	0.35 U	0.4 U	0.4 U
1,3-Dichlorobenzene	--	0.37 U	0.35 U	0.4 U	0.4 U
1,4-Dichlorobenzene	--	0.37 U	0.35 U	0.4 U	0.4 U
3,3'-Dichlorobenzidine	13	0.74 U	0.7 U	0.8 U	0.79 U
2,4-Dichlorophenol	6,100	0.37 U	0.35 U	0.4 U	0.4 U
Diethyl phthalate	1,000,000	0.37 U	0.35 U	0.4 U	0.4 U
Dimethyl phthalate	--	0.37 U	0.35 U	0.4 U	0.4 U
Di-n-butyl phthalate	200,000	0.37 U	0.35 U	0.4 U	0.4 U
2,4-Dimethylphenol	41,000	0.37 U	0.35 U	0.4 U	0.4 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.7 U	1.9 U	1.9 U
2,4-Dinitrophenol	4,100	1.8 U	1.7 U	1.9 U	1.9 U
2,4-Dinitrotoluene	8	0.28 U	0.27 U	0.3 U	0.3 U
2,6-Dinitrotoluene	8.4	0.28 U	0.27 U	0.3 U	0.3 U
Di-n-octyl phthalate	41,000	0.37 U	0.35 U	0.4 U	0.4 U
Hexachlorobenzene	4	0.37 U	0.35 U	0.4 U	0.4 U
Hexachlorobutadiene	--	0.37 U	0.35 U	0.4 U	0.4 U
Hexachlorocyclopentadiene	14,000	0.37 U	0.35 U	0.4 U	0.4 U
Hexachloroethane	2,000	0.37 U	0.35 U	0.4 U	0.4 U
Isophorone	410,000	0.37 U	0.35 U	0.4 U	0.4 U
2-Methylnaphthalene	--	0.37 U	0.35 U	2.8	0.62
2-Methylphenol	100,000	0.37 U	0.35 U	0.4 U	0.4 U
4-Methylphenol	--	0.37 U	0.35 U	0.4 U	0.4 U
2-Nitroaniline	--	1.8 U	1.7 U	1.9 U	1.9 U
3-Nitroaniline	--	1.8 U	1.7 U	1.9 U	1.9 U
4-Nitroaniline	--	1.8 U	1.7 U	1.9 U	1.9 U
Nitrobenzene	1,000	0.37 U	0.35 U	0.4 U	0.4 U
2-Nitrophenol	--	1.8 U	1.7 U	1.9 U	1.9 U
4-Nitrophenol	--	1.8 U	1.7 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	0.8	0.37 U	0.35 U	0.4 U	0.4 U
N-Nitrosodiphenylamine	1,200	0.37 U	0.35 U	0.4 U	0.4 U
2, 2'-oxybis(1-Chloropropane)	--	0.37 U	0.35 U	0.4 U	0.4 U
Pentachlorophenol	24	1.8 U	1.7 U	1.9 U	1.9 U
Phenol	1,000,000	0.37 U	0.35 U	0.4 U	0.4 U
1,2,4-Trichlorobenzene	20,000	0.37 U	0.35 U	0.4 U	0.4 U
2,4,5-Trichlorophenol	200,000	0.74 U	0.7 U	0.8 U	0.79 U
2,4,6-Trichlorophenol	520	0.37 U	0.35 U	0.4 U	0.4 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 4 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration			
		SP31-001 1-2	SP32-001 2-3	SP33-001 2-3	SP34-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)					
Acenaphthene	120,000	0.12	0.054	0.035	0.31
Acenaphthylene	--	0.21	0.027 U	0.11	0.3
Anthracene	610,000	0.95	0.11	0.16	1.7
Benzo(a)anthracene	8	2.6	2.4	0.64	5.6
Benzo(b)fluoranthene	8	1.9	5.3	0.77	3.4
Benzo(k)fluoranthene	78	2.1	3.7	0.49	2.8
Benzo(g,h,i)perylene	--	1.8	4	0.36	1.9
Benzo(a)pyrene	0.8	3.2	4.6	0.64	5.6
Chrysene	780	2.7	3.4	0.73	4.3
Dibenzo(a,h)anthracene	0.8	0.65	1.5	0.11	1.1
Fluoranthene	82,000	4.3	1.6	1.2	7.6
Fluorene	82,000	0.16	0.043	0.073	0.44
Indeno(1,2,3-cd)pyrene	8	1.7	3.5	0.34	2.1
Naphthalene	41,000	0.18	0.14	2.2	0.64
Phenanthrene	--	3.6	0.51	1.6	4.9
Pyrene	61,000	5.1	1.8	1.2	7
PCBs (mg/kg)					
Aroclor 1016	--	0.089 U	0.085 U	0.097 U	0.096 U
Aroclor 1221	--	0.089 U	0.085 U	0.097 U	0.096 U
Aroclor 1232	--	0.089 U	0.085 U	0.097 U	0.096 U
Aroclor 1242	--	0.089 U	0.085 U	0.097 U	0.096 U
Aroclor 1248	--	0.089 U	0.085 U	0.097 U	0.096 U
Aroclor 1254	--	0.18 U	0.17 U	0.19 U	0.19 U
Aroclor 1260	--	0.18 U	0.17 U	0.19 U	0.19 U
Total PCBs	1	0.805 U	0.765 U	0.865 U	0.860 U
Priority Pollutant Metals and Total Cyanide (mg/kg)					
Antimony	820	1.1 UJ	1 UJ	4.6 J	3 J
Arsenic	13	9.2	2.3	19	10
Beryllium	4,100	0.56	0.5 U	2.1	0.97
Cadmium	2,000	0.55 U	0.5 U	1.9	0.59 U
Chromium	6,100	13	6.9	26	15
Copper	82,000	49 J	10 J	76 J	45 J
Lead	400	96 J	28 J	1600 J	330 J
Mercury	610	0.53	0.43	1.3	1.3
Nickel	41,000	24 J	5.2 J	16 J	20 J
Selenium	10,000	1.1 U	1 U	1.4	1.2 U
Silver	10,000	1.1 U	1 U	1.2 U	1.2 U
Thallium	160	1.1 U	1 U	1.2 U	1.2 U
Zinc	610,000	79	36	180	150
Total Cyanide	41,000	0.28 U	0.27 U	0.3 U	23

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 5
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP13-002 10-11	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	200,000	0.029 U	0.046 U	0.042 U	0.068	0.059 U
Benzene	2,300	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromodichloromethane	2,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromoform	16,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromomethane	1,000	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
2-Butanone	--	0.012 U	0.018 U	0.017 U	0.034	0.024 U
Carbon Disulfide	20,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Carbon Tetrachloride	410	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chlorobenzene	4,100	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chloroethane	--	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Chloroform	2,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chloromethane	--	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Dibromochloromethane	41,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1-Dichloroethane	200,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,2-Dichloroethane	1,400	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1-Dichloroethene	1,800	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
cis-1,2-Dichloroethene	20,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
trans-1,2-Dichloroethene	41,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,2-Dichloropropane	1,800	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
cis-1,3-Dichloropropene	1,200	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
trans-1,3-Dichloropropene	1,200	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Ethylbenzene	20,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
2-Hexanone	--	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
4-Methyl-2-Pentanone	--	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Methylene Chloride	12,000	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Styrene	41,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Tetrachloroethene	2,400	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Toluene	410,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,1-Trichloroethane	--	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,2-Trichloroethane	8,200	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Trichloroethene	1,200	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Vinyl Chloride	170	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
m,p-Xylene	410,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
o-Xylene	410,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP13-002 10-11	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Bis(2-chloroethyl)ether	75	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Bis(2-ethylhexyl)phthalate	4,100	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Bromophenyl phenyl ether	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Butyl benzyl phthalate	410,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Carbazole	6,200	0.41	0.39 U	0.38 U	0.45 U	0.42 U
4-Chloro-3-methylphenol	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Chloroaniline	820	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Chloronaphthalene	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Chlorophenol	10,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Dibenzofuran	--	0.38 U	0.39 U	0.38 U	0.45 U	0.67
1,2-Dichlorobenzene	18,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,3-Dichlorobenzene	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,4-Dichlorobenzene	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
3,3'-Dichlorobenzidine	280	0.76 U	0.78 U	0.76 U	0.9 U	0.84 U
2,4-Dichlorophenol	610	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Diethyl phthalate	1,000,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Dimethyl phthalate	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Di-n-butyl phthalate	200,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,4-Dimethylphenol	41,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
2,4-Dinitrophenol	410	1.8 U	1.9 U	1.8 U	2.2 U	2 U
2,4-Dinitrotoluene	180	0.29 U	0.3 U	0.29 U	0.34 U	0.32 U
2,6-Dinitrotoluene	180	0.29 U	0.3 U	0.29 U	0.34 U	0.32 U
Di-n-octyl phthalate	4,100	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorobenzene	78	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorobutadiene	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorocyclopentadiene	14,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachloroethane	2,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Isophorone	410,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Methylnaphthalene	--	0.38 U	0.39 U	1.2	0.45 U	2.3
2-Methylphenol	100,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Methylphenol	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Nitroaniline	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
3-Nitroaniline	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
4-Nitroaniline	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
Nitrobenzene	1,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Nitrophenol	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
4-Nitrophenol	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
N-Nitrosodi-n-propylamine	18	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
N-Nitrosodiphenylamine	25,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,2'-oxybis(1-Chloropropane)	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Pentachlorophenol	520	1.8 U	1.9 U	1.8 U	2.2 U	2 U
Phenol	120,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,2,4-Trichlorobenzene	2,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,4,5-Trichlorophenol	200,000	0.76 U	0.78 U	0.76 U	0.9 U	0.84 U
2,4,6-Trichlorophenol	11,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP13-002 10-11	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	120,000	0.22	0.03 U	0.031	0.034 U	0.044
Acenaphthylene	--	0.041	0.03 U	0.029 U	0.034 U	0.14
Anthracene	610,000	1.5	0.03 U	0.17	0.034 U	2
Benzo(a)anthracene	170	1.3	0.03 U	0.49	0.082	0.71
Benzo(b)fluoranthene	170	1.3	0.03 U	0.37	0.1	0.79
Benzo(k)fluoranthene	1,700	0.92	0.03 U	0.42	0.081	0.57
Benzo(g,h,i)perylene	--	0.72	0.03 U	0.096	0.04	0.43
Benzo(a)pyrene	17	1.3	0.03 U	0.42	0.096	0.7
Chrysene	17,000	1.4	0.03 U	0.52	0.088	0.83
Dibenz(a,h)anthracene	17	0.16	0.03 U	0.045	0.034 U	0.14
Fluoranthene	82,000	2.5	0.061	0.84	0.07	1.1
Fluorene	82,000	0.15	0.03 U	0.036	0.034 U	0.066
Indeno(1,2,3-cd)pyrene	170	0.7	0.03 U	0.096	0.04	0.42
Naphthalene	4,100	0.074	0.03 U	0.56	0.034 U	0.74
Phenanthrene	--	1.4	0.03 U	0.77	0.11	1.9
Pyrene	61,000	2.3	0.08	0.88	0.13	1.2
PCBs (mg/kg)						
Aroclor 1016	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1221	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1232	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1242	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1248	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1254	--	0.18 U	0.19 U	0.18 U	0.21 U	0.21 U
Aroclor 1260	--	0.18 U	0.19 U	0.18 U	0.21 U	0.21 U
Total PCBs	1	0.815 U	0.860 U	0.810 U	0.970 U	0.970 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	82	1.1 UJ	1.2 UJ	1.2 J	1.3 UJ	2.5 J
Arsenic	61	8.7	7.4	8.1	12	23
Beryllium	410	0.94	0.6 U	0.81	0.91	2.2
Cadmium	200	0.62	0.6 U	0.65	0.66 U	4.1
Chromium	4,100	16	13	14	18	17
Copper	8,200	31 J	17 J	29 J	35 J	84 J
Lead	400	110 J	15	94 J	83	360
Mercury	61	0.41	0.034	0.16	0.19	1.2
Nickel	4,100	22 J	20	20 J	26	23
Selenium	1,000	1.1 U	1.2 U	1.2 U	1.3 U	1.4
Silver	1,000	1.1 U	1.2 U	1.2 U	1.3 U	1.3 U
Thallium	160	1.4	1.3	1.3	1.8	1.5
Zinc	61,000	120	35 J	110	91 J	1400 J
Total Cyanide	4,100	0.29 U	0.31 U	0.29 U	0.34 U	0.34 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	200,000	0.16 J	0.047 U	0.057 U	0.1	0.057 U
Benzene	2,300	0.03 J	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromodichloromethane	2,000	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromoform	16,000	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromomethane	1,000	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
2-Butanone	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Carbon Disulfide	20,000	0.03 J	0.0094 U	0.011 U	0.0088 U	0.011 U
Carbon Tetrachloride	410	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chlorobenzene	4,100	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chloroethane	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Chloroform	2,000	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chloromethane	--	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Dibromochloromethane	41,000	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1-Dichloroethane	200,000	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,2-Dichloroethane	1,400	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1-Dichloroethene	1,800	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
cis-1,2-Dichloroethene	20,000	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
trans-1,2-Dichloroethene	41,000	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,2-Dichloropropane	1,800	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
cis-1,3-Dichloropropene	1,200	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
trans-1,3-Dichloropropene	1,200	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Ethylbenzene	20,000	4.7	0.0094 U	0.011 U	0.0088 U	0.011 U
2-Hexanone	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
4-Methyl-2-Pentanone	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Methylene Chloride	12,000	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Styrene	41,000	0.036 J	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,2,2-Tetrachloroethane	--	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Tetrachloroethene	2,400	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Toluene	410,000	0.019 J	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,1-Trichloroethane	--	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,2-Trichloroethane	8,200	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Trichloroethene	1,200	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Vinyl Chloride	170	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
m,p-Xylene	410,000	0.12 J	0.0094 U	0.011 U	0.0088 U	0.011 U
o-Xylene	410,000	2	0.0094 U	0.011 U	0.0088 U	0.011 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether	75	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	4,100	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Bromophenyl phenyl ether	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Butyl benzyl phthalate	410,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Carbazole	6,200	0.4 U	0.4 U	1	0.39 U	4.8
4-Chloro-3-methylphenol	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Chloroaniline	820	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Chloronaphthalene	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Chlorophenol	10,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Dibenzofuran	--	0.4 U	0.4 U	0.4	0.39 U	2.3
1,2-Dichlorobenzene	18,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,3-Dichlorobenzene	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,4-Dichlorobenzene	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
3,3'-Dichlorobenzidine	280	0.8 U	0.8 U	0.76 U	0.79 U	0.77 U
2,4-Dichlorophenol	610	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Diethyl phthalate	1,000,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Dimethyl phthalate	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Di-n-butyl phthalate	200,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2,4-Dimethylphenol	41,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrophenol	410	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrotoluene	180	0.3 U	0.3 U	0.29 U	0.3 U	0.29 U
2,6-Dinitrotoluene	180	0.3 U	0.3 U	0.29 U	0.3 U	0.29 U
Di-n-octyl phthalate	4,100	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorobenzene	78	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorobutadiene	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	14,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachloroethane	2,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Isophorone	410,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Methylnaphthalene	--	0.4 U	0.4 U	0.51	0.39 U	0.99
2-Methylphenol	100,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Methylphenol	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Nitroaniline	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Nitrobenzene	1,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Nitrophenol	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	18	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	25,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2,2'-oxybis(1-Chloropropane)	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Pentachlorophenol	520	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Phenol	120,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	2,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	200,000	0.8 U	0.8 U	0.76 U	0.79 U	0.77 U
2,4,6-Trichlorophenol	11,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	120,000	0.03 U	0.12	0.61	0.03 U	2.2
Acenaphthylene	--	0.03 U	0.03 U	1.4	0.03 U	0.32
Anthracene	610,000	0.03 U	0.27	2.1	0.03 U	7.4
Benzo(a)anthracene	170	0.03 U	0.59	4.9	0.03 U	9.1
Benzo(b)fluoranthene	170	0.03 U	0.29	3.7	0.03 U	7.5
Benzo(k)fluoranthene	1,700	0.03 U	0.25	3.2	0.03 U	5.8
Benzo(g,h,i)perylene	--	0.03 U	0.13	1.8	0.03 U	3.4
Benzo(a)pyrene	17	0.03 U	0.31	4.9	0.03 U	7.5
Chrysene	17,000	0.03 U	0.6	5	0.03 U	8.8
Dibeno(a,h)anthracene	17	0.03 U	0.054	0.71	0.03 U	1.4
Fluoranthene	82,000	0.03 U	1.3	9.5	0.03 U	23
Fluorene	82,000	0.03 U	0.13	0.86	0.03 U	3
Indeno(1,2,3-cd)pyrene	170	0.03 U	0.13	1.8	0.03 U	3.4
Naphthalene	4,100	3.7	0.03 U	0.55	0.03 U	1
Phenanthrene	--	0.03 U	1.1	5.9	0.03 U	22
Pyrene	61,000	0.03 U	1.2	10	0.03 U	19
PCBs (mg/kg)						
Aroclor 1016	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1221	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1232	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1242	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1248	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1254	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Total PCBs	1	0.860 U	0.860 U	0.845 U	0.855 U	0.850 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	82	1.2 UJ	1.2 UJ	1.4 J	1.1 UJ	1.1 UJ
Arsenic	61	15	9.9	16	12	8.8
Beryllium	410	0.96	0.92	0.65	0.82	1
Cadmium	200	0.61 U	0.6 U	1.5	0.57 U	0.61
Chromium	4,100	21	24	17	20	20
Copper	8,200	49 J	29 J	82 J	31 J	63 J
Lead	400	26	37 J	870 J	20	120 J
Mercury	61	0.033	0.079	1.6	0.037	0.4
Nickel	4,100	46	33 J	22 J	38	27 J
Selenium	1,000	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Silver	1,000	1.2 U	1.2 U	1.9	1.1 U	1.1 U
Thallium	160	1.5	1.5	1.2	1.4	1.4
Zinc	61,000	52 J	56	320	97 J	110
Total Cyanide	4,100	0.3 U	0.3 U	0.29 U	0.3 U	0.3 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	200,000	0.23	0.049 U	0.22	0.09	0.041 U
Benzene	2,300	0.019 U	0.0098 U	0.33	0.0073 U	0.0081 U
Bromodichloromethane	2,000	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Bromoform	16,000	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Bromomethane	1,000	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
2-Butanone	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Carbon Disulfide	20,000	0.019 U	0.0098 U	7.4	0.0073 U	0.0081 U
Carbon Tetrachloride	410	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chlorobenzene	4,100	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chloroethane	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Chloroform	2,000	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chloromethane	--	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Dibromochloromethane	41,000	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1-Dichloroethane	200,000	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,2-Dichloroethane	1,400	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1-Dichloroethene	1,800	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
cis-1,2-Dichloroethene	20,000	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
trans-1,2-Dichloroethene	41,000	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,2-Dichloropropane	1,800	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
cis-1,3-Dichloropropene	1,200	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
trans-1,3-Dichloropropene	1,200	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Ethylbenzene	20,000	0.019 U	0.0098 U	0.18	0.0073 U	0.0081 U
2-Hexanone	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
4-Methyl-2-Pentanone	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Methylene Chloride	12,000	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Styrene	41,000	0.019 U	0.0098 U	0.61	0.0073 U	0.0081 U
1,1,2,2-Tetrachloroethane	--	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Tetrachloroethene	2,400	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Toluene	410,000	0.019 U	0.0098 U	0.46	0.0073 U	0.0081 U
1,1,1-Trichloroethane	--	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1,2-Trichloroethane	8,200	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Trichloroethene	1,200	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Vinyl Chloride	170	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
m,p-Xylene	410,000	0.019 U	0.0098 U	0.81	0.0073 U	0.0081 U
o-Xylene	410,000	0.019 U	0.0098 U	0.16	0.0073 U	0.0081 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Bis(2-chloroethyl)ether	75	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Bis(2-ethylhexyl)phthalate	4,100	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Bromophenyl phenyl ether	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Butyl benzyl phthalate	410,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Carbazole	6,200	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chloro-3-methylphenol	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chloroaniline	820	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Chloronaphthalene	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Chlorophenol	10,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Dibenzofuran	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,2-Dichlorobenzene	18,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,3-Dichlorobenzene	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,4-Dichlorobenzene	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
3,3'-Dichlorobenzidine	280	0.8 U	0.77 U	21 U	0.8 U	0.76 U
2,4-Dichlorophenol	610	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Diethyl phthalate	1,000,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Dimethyl phthalate	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Di-n-butyl phthalate	200,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2,4-Dimethylphenol	41,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
2,4-Dinitrophenol	410	1.9 U	1.9 U	51 U	1.9 U	1.8 U
2,4-Dinitrotoluene	180	0.3 U	0.29 U	8 U	0.3 U	0.29 U
2,6-Dinitrotoluene	180	0.3 U	0.29 U	8 U	0.3 U	0.29 U
Di-n-octyl phthalate	4,100	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorobenzene	78	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorobutadiene	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorocyclopentadiene	14,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachloroethane	2,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Isophorone	410,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Methylnaphthalene	--	0.4 U	0.38 U	14	0.4 U	0.38 U
2-Methylphenol	100,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Methylphenol	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Nitroaniline	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
3-Nitroaniline	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
4-Nitroaniline	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
Nitrobenzene	1,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Nitrophenol	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
4-Nitrophenol	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine	18	0.4 U	0.38 U	11 U	0.4 U	0.38 U
N-Nitrosodiphenylamine	25,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2,2'-oxybis(1-Chloropropane)	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Pentachlorophenol	520	1.9 U	1.9 U	51 U	1.9 U	1.8 U
Phenol	120,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,2,4-Trichlorobenzene	2,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2,4,5-Trichlorophenol	200,000	0.8 U	0.77 U	21 U	0.8 U	0.76 U
2,4,6-Trichlorophenol	11,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	120,000	0.03 U	0.029 U	0.94	0.031 U	0.029 U
Acenaphthylene	--	0.048	0.029 U	4.8	0.031 U	0.029 U
Anthracene	610,000	0.078	0.037	1.3	0.031 U	0.031
Benzo(a)anthracene	170	0.36	0.12	5.1	0.031 U	0.17
Benzo(b)fluoranthene	170	0.21	0.13	1.4	0.031 U	0.099
Benzo(k)fluoranthene	1,700	0.23	0.11	1.8	0.031 U	0.079
Benzo(g,h,i)perylene	--	0.17	0.072	0.8 U	0.031 U	0.036
Benzo(a)pyrene	17	0.31	0.13	0.84	0.031 U	0.085
Chrysene	17,000	0.38	0.13	6.6	0.031 U	0.17
Dibenz(a,h)anthracene	17	0.058	0.029 U	0.8 U	0.031 U	0.029 U
Fluoranthene	82,000	0.75	0.21	10	0.031 U	0.27
Fluorene	82,000	0.03 U	0.029 U	1.4	0.031 U	0.029 U
Indeno(1,2,3-cd)pyrene	170	0.17	0.064	0.8 U	0.031 U	0.038
Naphthalene	4,100	0.03 U	0.029 U	73	0.057	0.029 U
Phenanthrene	--	0.13	0.087	8.8	0.031 U	0.085
Pyrene	61,000	0.96	0.24	16	0.031 U	0.28
PCBs (mg/kg)						
Aroclor 1016	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1221	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1232	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1242	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1248	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1254	--	0.19 U	0.19 U	2 U	0.19 U	0.18 U
Aroclor 1260	--	0.19 U	0.19 U	2 U	0.19 U	0.18 U
Total PCBs	1	0.865 U	0.850 U	9 U	0.865 U	0.815 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	82	1.2 UJ	1.1 UJ	1.8 J	1.2 UJ	1.1 UJ
Arsenic	61	9.4	11	21	5.4	2.8
Beryllium	410	0.8	0.7	0.65 U	0.59 U	0.55 U
Cadmium	200	0.61 U	0.55 U	0.65 U	0.59 U	0.55 U
Chromium	4,100	20	23	7.2	18	7.5
Copper	8,200	30 J	23 J	67 J	25 J	8.5 J
Lead	400	21	98 J	140	19	26 J
Mercury	61	0.074	0.15	0.52	0.038	0.048
Nickel	4,100	35	26 J	11	23	8.6 J
Selenium	1,000	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U
Silver	1,000	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U
Thallium	160	1.6	1.4	1.3 U	1.2 U	1.1 U
Zinc	61,000	47 J	74	75 J	48 J	53
Total Cyanide	4,100	0.3 U	1.5	150	0.31 U	0.29 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	200,000	0.043 U	0.052	0.061 U	0.025 U	0.22 J
Benzene	2,300	0.0087 U	0.0085 U	0.012 U	2.6	25
Bromodichloromethane	2,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Bromoform	16,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Bromomethane	1,000	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
2-Butanone	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Carbon Disulfide	20,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Carbon Tetrachloride	410	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chlorobenzene	4,100	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chloroethane	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Chloroform	2,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chloromethane	--	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Dibromochloromethane	41,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1-Dichloroethane	200,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,2-Dichloroethane	1,400	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1-Dichloroethene	1,800	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
cis-1,2-Dichloroethene	20,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
trans-1,2-Dichloroethene	41,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,2-Dichloropropane	1,800	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
cis-1,3-Dichloropropene	1,200	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
trans-1,3-Dichloropropene	1,200	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Ethylbenzene	20,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	52
2-Hexanone	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
4-Methyl-2-Pentanone	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Methylene Chloride	12,000	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Styrene	41,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1,2,2-Tetrachloroethane	--	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Tetrachloroethene	2,400	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Toluene	410,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	1.1
1,1,1-Trichloroethane	--	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1,2-Trichloroethane	8,200	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Trichloroethene	1,200	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Vinyl Chloride	170	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
m,p-Xylene	410,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	17
o-Xylene	410,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	6.6

Notes:

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(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Bis(2-chloroethyl)ether	75	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Bis(2-ethylhexyl)phthalate	4,100	0.36 U	0.39 U	0.38 U	0.4 U	0.97
4-Bromophenyl phenyl ether	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Butyl benzyl phthalate	410,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Carbazole	6,200	0.36 U	0.39 U	0.38 U	0.4 U	2.6
4-Chloro-3-methylphenol	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Chloroaniline	820	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Chloronaphthalene	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Chlorophenol	10,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Chlorophenyl phenyl ether	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Dibenzofuran	--	0.36 U	0.39 U	0.38 U	0.4 U	2.5
1,2-Dichlorobenzene	18,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,3-Dichlorobenzene	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,4-Dichlorobenzene	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
3,3'-Dichlorobenzidine	280	0.73 U	0.78 U	0.77 U	0.8 U	1.2 U
2,4-Dichlorophenol	610	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Diethyl phthalate	1,000,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Dimethyl phthalate	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Di-n-butyl phthalate	200,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2,4-Dimethylphenol	41,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
2,4-Dinitrophenol	410	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
2,4-Dinitrotoluene	180	0.27 U	0.29 U	0.29 U	0.3 U	0.44 U
2,6-Dinitrotoluene	180	0.27 U	0.29 U	0.29 U	0.3 U	0.44 U
Di-n-octyl phthalate	4,100	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorobenzene	78	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorobutadiene	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorocyclopentadiene	14,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachloroethane	2,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Isophorone	410,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Methylnaphthalene	--	0.36 U	0.39 U	0.38 U	0.4 U	106
2-Methylphenol	100,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Methylphenol	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
3-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
4-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
Nitrobenzene	1,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Nitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
4-Nitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
N-Nitrosodi-n-propylamine	18	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
N-Nitrosodiphenylamine	25,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2,2'-oxybis(1-Chloropropane)	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Pentachlorophenol	520	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
Phenol	120,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,2,4-Trichlorobenzene	2,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2,4,5-Trichlorophenol	200,000	0.73 U	0.78 U	0.77 U	0.8 U	1.2 U
2,4,6-Trichlorophenol	11,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	120,000	0.027 U	0.029 U	0.029 U	0.069	2.6
Acenaphthylene	--	0.04	0.029 U	0.029 U	0.03 U	2.7
Anthracene	610,000	0.039	0.029 U	0.035	0.17	5.1
Benzo(a)anthracene	170	0.17	0.029 U	0.19	0.33	3.6
Benzo(b)fluoranthene	170	0.11	0.029 U	0.043	0.11	1.5
Benzo(k)fluoranthene	1,700	0.083	0.029 U	0.03	0.14	1.7
Benzo(g,h,i)perylene	--	0.052	0.029 U	0.039	0.085	0.48
Benzo(a)pyrene	17	0.1	0.029 U	0.051	0.13	2.3
Chrysene	17,000	0.17	0.029 U	0.23	0.32	3.8
Dibeno(a,h)anthracene	17	0.027 U	0.029 U	0.029 U	0.034	0.26
Fluoranthene	82,000	0.26	0.029 U	0.11	1	8.5
Fluorene	82,000	0.027 U	0.029 U	0.029 U	0.081	7.3
Indeno(1,2,3-cd)pyrene	170	0.051	0.029 U	0.029 U	0.091	0.46
Naphthalene	4,100	0.029	0.043	0.034	0.096	170
Phenanthrene	--	0.11	0.032	0.054	0.65	18
Pyrene	61,000	0.29	0.036	0.25	0.95	9.5
PCBs (mg/kg)						
Aroclor 1016	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1221	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1232	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1242	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1248	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1254	--	0.18 U	0.19 U	0.18 U	0.19 U	0.27 U
Aroclor 1260	--	0.18 U	0.19 U	0.18 U	0.19 U	0.27 U
Total PCBs	1	0.800 U	0.850 U	0.820 U	0.865 U	1,240 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	82	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	13 J
Arsenic	61	4.7	7	5.9	4.1	14
Beryllium	410	0.54 U	0.57 U	0.55 U	0.59 U	0.83 U
Cadmium	200	0.54 U	0.57 U	0.55 U	0.59 U	2.4
Chromium	4,100	9.7	17	23	17	170
Copper	8,200	12 J	25 J	26 J	17 J	140 J
Lead	400	25 J	23	26 J	54	2200
Mercury	61	0.15	0.028 U	0.23	0.13	0.82
Nickel	4,100	16 J	32	30 J	15	77
Selenium	1,000	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Silver	1,000	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Thallium	160	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Zinc	61,000	39	41 J	53	62 J	740 J
Total Cyanide	4,100	0.28 U	0.3 U	0.29 U	0.31 U	6.3

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	200,000	0.047 U	0.35	0.057 U	0.04	0.026 UJ
Benzene	2,300	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromodichloromethane	2,000	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromoform	16,000	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromomethane	1,000	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
2-Butanone	--	0.019 U	0.17	0.023 U	0.014 U	0.01 UJ
Carbon Disulfide	20,000	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Carbon Tetrachloride	410	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chlorobenzene	4,100	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chloroethane	--	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Chloroform	2,000	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chloromethane	--	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Dibromochloromethane	41,000	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1-Dichloroethane	200,000	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,2-Dichloroethane	1,400	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1-Dichloroethene	1,800	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
cis-1,2-Dichloroethene	20,000	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
trans-1,2-Dichloroethene	41,000	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,2-Dichloropropane	1,800	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
cis-1,3-Dichloropropene	1,200	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
trans-1,3-Dichloropropene	1,200	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Ethylbenzene	20,000	0.0095 U	0.021	0.011 U	0.0072 U	0.0052 UJ
2-Hexanone	--	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
4-Methyl-2-Pentanone	--	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Methylene Chloride	12,000	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Styrene	41,000	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,2,2-Tetrachloroethane	--	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Tetrachloroethene	2,400	0.015	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Toluene	410,000	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,1-Trichloroethane	--	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,2-Trichloroethane	8,200	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Trichloroethene	1,200	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Vinyl Chloride	170	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
m,p-Xylene	410,000	0.0095 U	0.023	0.011 U	0.0072 U	0.0052 UJ
o-Xylene	410,000	0.0095 U	0.031	0.011 U	0.0072 U	0.0052 UJ

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether	75	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	4,100	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Bromophenyl phenyl ether	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Butyl benzyl phthalate	410,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Carbazole	6,200	0.39 U	0.45 U	1.9	0.39 U	0.39 U
4-Chloro-3-methylphenol	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Chloroaniline	820	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Chloronaphthalene	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Chlorophenol	10,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Dibenzofuran	--	0.39 U	0.45 U	1.7	0.39 U	0.39 U
1,2-Dichlorobenzene	18,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,3-Dichlorobenzene	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,4-Dichlorobenzene	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
3,3'-Dichlorobenzidine	280	0.78 U	0.89 U	0.77 U	0.77 U	0.78 U
2,4-Dichlorophenol	610	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Diethyl phthalate	1,000,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Dimethyl phthalate	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Di-n-butyl phthalate	200,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2,4-Dimethylphenol	41,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	410	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	180	0.29 U	0.34 U	0.29 U	0.29 U	0.29 U
2,6-Dinitrotoluene	180	0.29 U	0.34 U	0.29 U	0.29 U	0.29 U
Di-n-octyl phthalate	4,100	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorobenzene	78	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorobutadiene	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	14,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachloroethane	2,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Isophorone	410,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Methylnaphthalene	--	0.39 U	0.45 U	0.64	0.39 U	0.39 U
2-Methylphenol	100,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Methylphenol	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Nitroaniline	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	1,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Nitrophenol	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	18	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	25,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2,2'-oxybis(1-Chloropropane)	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Pentachlorophenol	520	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
Phenol	120,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	2,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	200,000	0.78 U	0.89 U	0.77 U	0.77 U	0.78 U
2,4,6-Trichlorophenol	11,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	120,000	0.029 U	0.059	1	0.029 U	0.029 U
Acenaphthylene	--	0.05	0.095	0.28	0.029 U	0.029 U
Anthracene	610,000	0.067	0.27	5.1	0.029 U	0.075
Benzo(a)anthracene	170	0.3	0.39	8.1	0.029 U	0.46
Benzo(b)fluoranthene	170	0.21	0.3	6.9	0.029 U	0.35
Benzo(k)fluoranthene	1,700	0.22	0.24	4.9	0.029 U	0.42
Benzo(g,h,i)perylene	--	0.17	0.087	2	0.029 U	0.39
Benzo(a)pyrene	17	0.33	0.25	6.3	0.029 U	0.39
Chrysene	17,000	0.29	0.44	8.5	0.029 U	0.45
Dibenz(a,h)anthracene	17	0.057	0.039	0.75	0.029 U	0.076
Fluoranthene	82,000	0.76	0.84	23	0.03	0.85
Fluorene	82,000	0.029 U	0.15	1.3	0.029 U	0.029 U
Indeno(1,2,3-cd)pyrene	170	0.16	0.1	2.1	0.029 U	0.19
Naphthalene	4,100	0.029 U	0.41	0.33	0.029 U	0.032
Phenanthrene	--	0.19	0.65	10	0.069	0.36
Pyrene	61,000	0.8	0.76	19	0.034	0.81
PCBs (mg/kg)						
Aroclor 1016	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1221	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1232	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1242	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1248	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1254	--	0.18 U	0.21 U	0.19 U	0.19 U	0.19
Aroclor 1260	--	0.18 U	0.21 U	0.19 U	0.19 U	0.18 U
Total PCBs	1	0.820 U	0.970 U	0.855 U	0.850 U	0.815
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	82	1.1 UJ	1.3 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	61	17	5.5	7.3	7.5	9.1
Beryllium	410	0.71	0.65 U	0.66	0.56 U	0.55 U
Cadmium	200	0.57 U	0.65 U	0.57 U	0.56 U	1.1
Chromium	4,100	20	15	15	17	14
Copper	8,200	32 J	29 J	46 J	26 J	37 J
Lead	400	27 J	65	230 J	19	110 J
Mercury	61	0.19	0.26	1.2	0.029 U	0.33
Nickel	4,100	40 J	18	21 J	27	17 J
Selenium	1,000	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U
Silver	1,000	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U
Thallium	160	1.2	1.3 U	1.1 U	1.2	1.1 U
Zinc	61,000	50	90 J	120	41 J	220
Total Cyanide	4,100	0.3 U	0.8	0.3 U	0.3 U	0.29 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	200,000	0.034 U	0.05 U	0.055 U	0.04 U	0.049 U
Benzene	2,300	0.0068 U	0.01 U	0.011 U	0.0079 U	0.91
Bromodichloromethane	2,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Bromoform	16,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Bromomethane	1,000	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
2-Butanone	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Carbon Disulfide	20,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.011
Carbon Tetrachloride	410	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chlorobenzene	4,100	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chloroethane	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Chloroform	2,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chloromethane	--	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Dibromochloromethane	41,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1-Dichloroethane	200,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,2-Dichloroethane	1,400	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1-Dichloroethene	1,800	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
cis-1,2-Dichloroethene	20,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
trans-1,2-Dichloroethene	41,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,2-Dichloropropane	1,800	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
cis-1,3-Dichloropropene	1,200	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
trans-1,3-Dichloropropene	1,200	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Ethylbenzene	20,000	0.0068 U	0.01 U	0.011 U	0.0079 U	1.5
2-Hexanone	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
4-Methyl-2-Pentanone	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Methylene Chloride	12,000	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Styrene	41,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.01
1,1,2,2-Tetrachloroethane	--	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Tetrachloroethene	2,400	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Toluene	410,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.017
1,1,1-Trichloroethane	--	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1,2-Trichloroethane	8,200	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Trichloroethene	1,200	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Vinyl Chloride	170	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
m,p-Xylene	410,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.019
o-Xylene	410,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.52

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Bis(2-chloroethyl)ether	75	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Bis(2-ethylhexyl)phthalate	4,100	2.9	0.4 U	0.39 U	0.4 U	0.44 U
4-Bromophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Butyl benzyl phthalate	410,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Carbazole	6,200	0.5	0.4 U	0.39 U	0.4 U	0.44 U
4-Chloro-3-methylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Chloroaniline	820	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Chloronaphthalene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Chlorophenol	10,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Dibenzofuran	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,2-Dichlorobenzene	18,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,3-Dichlorobenzene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,4-Dichlorobenzene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
3,3'-Dichlorobenzidine	280	0.78 U	0.79 U	0.78 U	0.81 U	0.89 U
2,4-Dichlorophenol	610	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Diethyl phthalate	1,000,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Dimethyl phthalate	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Di-n-butyl phthalate	200,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2,4-Dimethylphenol	41,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
2,4-Dinitrophenol	410	1.9 U	1.9 U	1.9 U	2 U	2.2 U
2,4-Dinitrotoluene	180	0.3 U	0.3 U	0.3 U	0.31 U	0.34 U
2,6-Dinitrotoluene	180	0.3 U	0.3 U	0.3 U	0.31 U	0.34 U
Di-n-octyl phthalate	4,100	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorobenzene	78	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorobutadiene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorocyclopentadiene	14,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachloroethane	2,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Isophorone	410,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Methylnaphthalene	--	0.39 U	1	0.39 U	0.65	0.77
2-Methylphenol	100,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Methylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
3-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
4-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
Nitrobenzene	1,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Nitrophenol	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
4-Nitrophenol	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
N-Nitrosodi-n-propylamine	18	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
N-Nitrosodiphenylamine	25,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2,2'-oxybis(1-Chloropropane)	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Pentachlorophenol	520	1.9 U	1.9 U	1.9 U	2 U	2.2 U
Phenol	120,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,2,4-Trichlorobenzene	2,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2,4,5-Trichlorophenol	200,000	0.78 U	0.79 U	0.78 U	0.81 U	0.89 U
2,4,6-Trichlorophenol	11,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	120,000	0.34	0.1	0.078	0.06	0.089
Acenaphthylene	--	0.11	1.6	0.1	0.11	0.14
Anthracene	610,000	0.6	0.54	0.071	0.19	0.27
Benzo(a)anthracene	170	4.9	2.4	0.11	0.9	1
Benzo(b)fluoranthene	170	2.8	1.7	0.091	0.66	0.75
Benzo(k)fluoranthene	1,700	2	1.5	0.079	0.54	0.52
Benzo(g,h,i)perylene	--	1.5	1.3	0.086	0.33	0.43
Benzo(a)pyrene	17	5.2	2.4	0.081	0.72	0.89
Chrysene	17,000	4.4	2.2	0.25	0.76	0.95
Dibeno(a,h)anthracene	17	0.66	0.8	0.039	0.11	0.14
Fluoranthene	82,000	7.5	2.7	0.38	1.4	1.7
Fluorene	82,000	0.35	0.16	0.07	0.13	0.19
Indeno(1,2,3-cd)pyrene	170	1.5	1.1	0.072	0.31	0.4
Naphthalene	4,100	0.17	1.1	0.68	3.8	4
Phenanthrene	--	1.7	2.1	0.34	0.93	1.1
Pyrene	61,000	10	5	0.42	1.6	1.8
PCBs (mg/kg)						
Aroclor 1016	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1221	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1232	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1242	--	0.29	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1248	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1254	--	0.36	0.19 U	0.19 U	0.19 U	0.22 U
Aroclor 1260	--	0.18 U	0.19 U	0.19 U	0.19 U	0.22 U
Total PCBs	1	1,194	0.865 U	0.855 U	0.845 U	0.990 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	82	1.2 J	1.1 UJ	1.1 UJ	1.6 J	1.4 J
Arsenic	61	3.9	6.7	4.4	13	8.9
Beryllium	410	0.54 U	0.8	0.56 U	0.87	0.93
Cadmium	200	1.1	0.87	0.56 U	0.67	1.2
Chromium	4,100	16	18	7.3	19	18
Copper	8,200	56 J	36 J	14 J	77 J	32 J
Lead	400	96	94 J	79	300 J	170
Mercury	61	0.33	0.24	0.16	0.95	0.22
Nickel	4,100	17	30 J	7.9	26 J	30
Selenium	1,000	1.1 U	1.1 U	1.1 U	1.2 U	1.3 U
Silver	1,000	1.1 U	1.1 U	1.1 U	1.2 U	1.3 U
Thallium	160	1.1 U	1.2	1.1 U	1.2 U	1.3 U
Zinc	61,000	250 J	250	77 J	250	170 J
Total Cyanide	4,100	0.3 U	0.3 U	0.3 U	0.85	0.34 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

(5) Shaded values exceeded Tier 1 screening level.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	200,000	0.051 U	0.038 U	0.058 U	0.069 U	0.046 U
Benzene	2,300	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromodichloromethane	2,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromoform	16,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromomethane	1,000	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
2-Butanone	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Carbon Disulfide	20,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Carbon Tetrachloride	410	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chlorobenzene	4,100	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chloroethane	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Chloroform	2,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chloromethane	--	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Dibromochloromethane	41,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1-Dichloroethane	200,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,2-Dichloroethane	1,400	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1-Dichloroethene	1,800	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
cis-1,2-Dichloroethene	20,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
trans-1,2-Dichloroethene	41,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,2-Dichloropropane	1,800	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
cis-1,3-Dichloropropene	1,200	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
trans-1,3-Dichloropropene	1,200	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Ethylbenzene	20,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
2-Hexanone	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
4-Methyl-2-Pentanone	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Methylene Chloride	12,000	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Styrene	41,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,2,2-Tetrachloroethane	--	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Tetrachloroethene	2,400	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Toluene	410,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,1-Trichloroethane	--	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,2-Trichloroethane	8,200	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Trichloroethene	1,200	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Vinyl Chloride	170	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
m,p-Xylene	410,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
o-Xylene	410,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Bis(2-chloroethyl)ether	75	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Bis(2-ethylhexyl)phthalate	4,100	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Bromophenyl phenyl ether	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Butyl benzyl phthalate	410,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Carbazole	6,200	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chloro-3-methylphenol	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chloroaniline	820	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Chloronaphthalene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Chlorophenol	10,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chlorophenyl phenyl ether	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Dibenzofuran	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,2-Dichlorobenzene	18,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,3-Dichlorobenzene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,4-Dichlorobenzene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
3,3'-Dichlorobenzidine	280	0.72 U	0.74 U	0.76 U	0.74 U	0.81 U
2,4-Dichlorophenol	610	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Diethyl phthalate	1,000,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Dimethyl phthalate	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Di-n-butyl phthalate	200,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,4-Dimethylphenol	41,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4,6-Dinitro-2-methylphenol	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
2,4-Dinitrophenol	410	1.7 U	1.8 U	1.8 U	1.8 U	2 U
2,4-Dinitrotoluene	180	0.27 U	0.28 U	0.29 U	0.28 U	0.31 U
2,6-Dinitrotoluene	180	0.27 U	0.28 U	0.29 U	0.28 U	0.31 U
Di-n-octyl phthalate	4,100	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorobenzene	78	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorobutadiene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorocyclopentadiene	14,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachloroethane	2,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Isophorone	410,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Methylnaphthalene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Methylphenol	100,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Methylphenol	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Nitroaniline	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
3-Nitroaniline	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
4-Nitroaniline	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
Nitrobenzene	1,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Nitrophenol	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
4-Nitrophenol	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
N-Nitrosodi-n-propylamine	18	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
N-Nitrosodiphenylamine	25,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,2'-oxybis(1-Chloropropane)	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Pentachlorophenol	520	1.7 U	1.8 U	1.8 U	1.8 U	2 U
Phenol	120,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,2,4-Trichlorobenzene	2,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,4,5-Trichlorophenol	200,000	0.72 U	0.74 U	0.76 U	0.74 U	0.81 U
2,4,6-Trichlorophenol	11,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	120,000	0.027 U	0.028 U	0.029 U	0.12	0.031 U
Acenaphthylene	--	0.027 U	0.028 U	0.029 U	0.21	0.031 U
Anthracene	610,000	0.13	0.028 U	0.029 U	0.95	0.031 U
Benzo(a)anthracene	170	0.4	0.028 U	0.029 U	2.6	0.1
Benzo(b)fluoranthene	170	0.34	0.028 U	0.029 U	1.9	0.093
Benzo(k)fluoranthene	1,700	0.3	0.028 U	0.029 U	2.1	0.086
Benzo(g,h,i)perylene	--	0.083	0.028 U	0.029 U	1.8	0.07
Benzo(a)pyrene	17	0.38	0.028 U	0.029 U	3.2	0.12
Chrysene	17,000	0.38	0.028 U	0.029 U	2.7	0.099
Dibenz(a,h)anthracene	17	0.034	0.028 U	0.029 U	0.65	0.031 U
Fluoranthene	82,000	0.76	0.028 U	0.029 U	4.3	0.18
Fluorene	82,000	0.029	0.028 U	0.029 U	0.16	0.031 U
Indeno(1,2,3-cd)pyrene	170	0.094	0.028 U	0.029 U	1.7	0.068
Naphthalene	4,100	0.027 U	1.1	0.029 U	0.18	0.034
Phenanthrene	--	0.41	0.028 U	0.029 U	3.6	0.055
Pyrene	61,000	0.68	0.028 U	0.029 U	5.1	0.18
PCBs (mg/kg)						
Aroclor 1016	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1221	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1232	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1242	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1248	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1254	--	0.17 U	0.18 U	0.18 U	0.18 U	0.22 U
Aroclor 1260	--	0.17 U	0.18 U	0.18 U	0.18 U	0.22 U
Total PCBs	1	0.770 U	0.810 U	0.815 U	0.805 U	0.990 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	82	1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ
Arsenic	61	3.4	10	6.8	9.2	16
Beryllium	410	0.52 U	0.77	0.77	0.56	0.86
Cadmium	200	0.52 U	0.56 U	0.57 U	0.55 U	0.58 U
Chromium	4,100	9.4	20	19	13	20
Copper	8,200	11 J	24 J	28 J	49 J	36 J
Lead	400	28 J	15	17	96 J	26
Mercury	61	0.074	0.029 U	0.029	0.53	0.047
Nickel	4,100	11 J	33	32	24 J	39
Selenium	1,000	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Silver	1,000	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Thallium	160	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Zinc	61,000	32	41 J	43 J	79	48 J
Total Cyanide	4,100	0.27 U	0.29 U	0.29 U	0.28 U	0.31 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration					
		SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)							
Acetone	200,000	0.052 U	0.068 U	0.084 U	0.063 UJ	0.039 U	0.26
Benzene	2,300	0.01 U	2.8	0.017 U	4.7	0.0079 U	0.016 U
Bromodichloromethane	2,000	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Bromoform	16,000	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Bromomethane	1,000	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
2-Butanone	--	0.021 U	0.027 U	0.033 U	0.031 J	0.016 U	0.14
Carbon Disulfide	20,000	0.01 U	0.014 U	0.017 U	27	0.0079 U	0.016 U
Carbon Tetrachloride	410	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chlorobenzene	4,100	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chloroethane	--	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Chloroform	2,000	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chloromethane	--	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Dibromochloromethane	41,000	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,1-Dichloroethane	200,000	0.01 U	0.014 U	0.017 U	0.03 J	0.0079 U	0.052
1,2-Dichloroethane	1,400	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,1-Dichloroethene	1,800	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
cis-1,2-Dichloroethene	20,000	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
trans-1,2-Dichloroethene	41,000	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,2-Dichloropropane	1,800	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
cis-1,3-Dichloropropene	1,200	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
trans-1,3-Dichloropropene	1,200	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Ethylbenzene	20,000	0.01 U	1.3	0.017 U	680	0.0079 U	0.016 U
2-Hexanone	--	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
4-Methyl-2-Pentanone	--	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Methylene Chloride	12,000	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Styrene	41,000	0.01 U	0.014 U	0.017 U	0.77	0.0079 U	0.016 U
1,1,2,2-Tetrachloroethane	--	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Tetrachloroethene	2,400	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Toluene	410,000	0.01 U	0.095	0.017 U	11	0.0079 U	0.016 U
1,1,1-Trichloroethane	--	0.01 U	0.014 U	0.64	0.041	0.076	0.016 U
1,1,2-Trichloroethane	8,200	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Trichloroethene	1,200	0.01 U	0.014 U	0.087	0.013 UJ	0.0079 U	0.016 U
Vinyl Chloride	170	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
m,p-Xylene	410,000	0.01 U	0.024	0.017 U	1800	0.0079 U	0.016
o-Xylene	410,000	0.01 U	0.014 U	0.017 U	670	0.0079 U	0.016 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration					
		SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)							
Bis(2-chloroethoxy)methane	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Bis(2-chloroethyl)ether	75	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Bis(2-ethylhexyl)phthalate	4,100	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Bromophenyl phenyl ether	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Butyl benzyl phthalate	410,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Carbazole	6,200	0.35 U	25	0.4 U	1.2 U	1.4	0.64
4-Chloro-3-methylphenol	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Chloroaniline	820	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Chloronaphthalene	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Chlorophenol	10,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Chlorophenyl phenyl ether	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Dibenzofuran	--	0.35 U	20	0.49	1.2 U	0.68	0.7
1,2-Dichlorobenzene	18,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,3-Dichlorobenzene	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,4-Dichlorobenzene	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
3,3'-Dichlorobenzidine	280	0.7 U	1 U	0.8 U	2.4 U	0.79 U	0.95 U
2,4-Dichlorophenol	610	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Diethyl phthalate	1,000,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Dimethyl phthalate	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Di-n-butyl phthalate	200,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2,4-Dimethylphenol	41,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4,6-Dinitro-2-methylphenol	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
2,4-Dinitrophenol	410	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
2,4-Dinitrotoluene	180	0.27 U	0.39 U	0.3 U	0.89 U	0.3 U	0.36 U
2,6-Dinitrotoluene	180	0.27 U	0.39 U	0.3 U	0.89 U	0.3 U	0.36 U
Di-n-octyl phthalate	4,100	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorobenzene	78	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorobutadiene	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorocyclopentadiene	14,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachloroethane	2,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Isophorone	410,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Methylnaphthalene	--	0.35 U	12	2.8	17	0.62	0.47 U
2-Methylphenol	100,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Methylphenol	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Nitroaniline	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
3-Nitroaniline	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
4-Nitroaniline	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
Nitrobenzene	1,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Nitrophenol	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
4-Nitrophenol	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
N-Nitrosodi-n-propylamine	18	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
N-Nitrosodiphenylamine	25,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2,2'-oxybis(1-Chloropropane)	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Pentachlorophenol	520	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
Phenol	120,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,2,4-Trichlorobenzene	2,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2,4,5-Trichlorophenol	200,000	0.7 U	1 U	0.8 U	2.4 U	0.79 U	0.95 U
2,4,6-Trichlorophenol	11,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 5 (Continued)
 Tier 1 Screening: Soil Ingestion Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration					
		SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)							
Acenaphthene	120,000	0.054	8.2	0.035	0.2	0.31	0.44
Acenaphthylene	--	0.027 U	2.6	0.11	0.39	0.3	0.28
Anthracene	610,000	0.11	22	0.16	0.23	1.7	2.3
Benzo(a)anthracene	170	2.4	23	0.64	1.1	5.6	6.6
Benzo(b)fluoranthene	170	5.3	11	0.77	0.27	3.4	4.6
Benzo(k)fluoranthene	1,700	3.7	6.9	0.49	0.33	2.8	3.2
Benzo(g,h,i)perylene	--	4	4.2	0.36	0.2	1.9	2.4
Benzo(a)pyrene	17	4.6	12	0.64	0.14	5.6	3.6
Chrysene	17,000	3.4	18	0.73	1.2	4.3	6.5
Dibenz(a,h)anthracene	17	1.5	2.2	0.11	0.089 U	1.1	1.1
Fluoranthene	82,000	1.6	52	1.2	1.9	7.6	9.9
Fluorene	82,000	0.043	21	0.073	0.46	0.44	0.74
Indeno(1,2,3-cd)pyrene	170	3.5	4	0.34	0.21	2.1	2.7
Naphthalene	4,100	0.14	7.1	2.2	180	0.64	0.54
Phenanthrene	--	0.51	82	1.6	2	4.9	5.2
Pyrene	61,000	1.8	37	1.2	2.4	7	9.6
PCBs (mg/kg)							
Aroclor 1016	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1221	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1232	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1242	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1248	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1254	--	0.17 U	0.25 U	0.19 U	0.2 U	0.19 U	0.23 U
Aroclor 1260	--	0.17 U	0.25 U	0.19 U	0.2 U	0.19 U	0.23 U
Total PCBs	1	0.765 U	1,150 U	0.865 U	0.895 U	0.860 U	1.010 U
Priority Pollutant Metals and Total Cyanide (mg/kg)							
Antimony	82	1 UJ	3.6 J	4.6 J	1.2 UJ	3 J	1.6 J
Arsenic	61	2.3	14	19	7.8	10	15
Beryllium	410	0.5 U	2.5	2.1	0.64	0.97	0.68 U
Cadmium	200	0.5 U	1.4	1.9	0.6 U	0.59 U	0.83
Chromium	4,100	6.9	220	26	16	15	19
Copper	8,200	10 J	59 J	76 J	42 J	45 J	210 J
Lead	400	28 J	210	1600 J	250	330 J	2200
Mercury	61	0.43	0.21	1.3	0.14	1.3	2.2
Nickel	4,100	5.2 J	110	16 J	26	20 J	21
Selenium	1,000	1 U	1.5 U	1.4	1.2 U	1.2 U	1.6
Silver	1,000	1 U	1.5 U	1.2 U	1.2 U	1.2 U	1.4 U
Thallium	160	1 U	1.5 U	1.2 U	1.2 U	1.2 U	1.4 U
Zinc	61,000	36	110 J	180	69 J	150	320 J
Total Cyanide	4,100	0.27 U	3.8	0.3 U	1.8	23	0.36 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 6
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4	SP16-002 7-8
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.029 U	0.042 U	0.068	0.059 U	0.16 J
Benzene	1.6	0.0059 U	0.0084 U	0.011 U	0.012 U	0.03 J
Bromodichloromethane	3,000	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
Bromoform	100	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
Bromomethane	15	0.012 U	0.017 U	0.022 U	0.024 U	0.028 UJ
2-Butanone	--	0.012 U	0.017 U	0.034	0.024 U	0.028 UJ
Carbon Disulfide	720	0.0059 U	0.0084 U	0.011 U	0.012 U	0.03 J
Carbon Tetrachloride	0.640	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
Chlorobenzene	210	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
Chloroethane	--	0.012 U	0.017 U	0.022 U	0.024 U	0.028 UJ
Chloroform	0.54	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
Chloromethane	--	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
Dibromochloromethane	1,300	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
1,1-Dichloroethane	1,700	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
1,2-Dichloroethane	0.7	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
1,1-Dichloroethene	1,500	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
cis-1,2-Dichloroethene	1,200	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
trans-1,2-Dichloroethene	3,100	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
1,2-Dichloropropane	23	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
cis-1,3-Dichloropropene	2.1	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
trans-1,3-Dichloropropene	2.1	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
Ethylbenzene	400	0.0059 U	0.0084 U	0.011 U	0.012 U	4.7
2-Hexanone	--	0.012 U	0.017 U	0.022 U	0.024 U	0.028 UJ
4-Methyl-2-Pentanone	--	0.012 U	0.017 U	0.022 U	0.024 U	0.028 UJ
Methylene Chloride	24	0.012 U	0.017 U	0.022 U	0.024 U	0.028 UJ
Styrene	1,500	0.0059 U	0.0084 U	0.011 U	0.012 U	0.036 J
1,1,2,2-Tetrachloroethane	--	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
Tetrachloroethene	20	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
Toluene	650	0.0059 U	0.0084 U	0.011 U	0.012 U	0.019 J
1,1,1-Trichloroethane	1,200	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
1,1,2-Trichloroethane	1,800	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
Trichloroethene	8.9	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
Vinyl Chloride	1.1	0.0059 U	0.0084 U	0.011 U	0.012 U	0.014 UJ
m,p-Xylene	320	0.0059 U	0.0084 U	0.011 U	0.012 U	0.12 J
o-Xylene	320	0.0059 U	0.0084 U	0.011 U	0.012 U	2

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4	SP16-002 7-8
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Bis(2-chloroethyl)ether	0.47	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Bis(2-ethylhexyl)phthalate	31,000	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
4-Bromophenyl phenyl ether	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Butyl benzyl phthalate	930	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Carbazole	--	0.41	0.38 U	0.45 U	0.42 U	0.4 U
4-Chloro-3-methylphenol	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
4-Chloroaniline	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
2-Chloronaphthalene	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
2-Chlorophenol	53,000	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Dibenzofuran	--	0.38 U	0.38 U	0.45 U	0.67	0.4 U
1,2-Dichlorobenzene	560	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
1,3-Dichlorobenzene	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
1,4-Dichlorobenzene	17,000	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
3,3'-Dichlorobenzidine	--	0.76 U	0.76 U	0.9 U	0.84 U	0.8 U
2,4-Dichlorophenol	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Diethyl phthalate	2,000	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Dimethyl phthalate	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Di-n-butyl phthalate	2,300	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
2,4-Dimethylphenol	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.8 U	2.2 U	2 U	1.9 U
2,4-Dinitrophenol	--	1.8 U	1.8 U	2.2 U	2 U	1.9 U
2,4-Dinitrotoluene	--	0.29 U	0.29 U	0.34 U	0.32 U	0.3 U
2,6-Dinitrotoluene	--	0.29 U	0.29 U	0.34 U	0.32 U	0.3 U
Di-n-octyl phthalate	10,000	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Hexachlorobenzene	1.8	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Hexachlorobutadiene	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Hexachlorocyclopentadiene	16	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Hexachloroethane	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Isophorone	4,600	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
2-Methylnaphthalene	--	0.38 U	1.2	0.45 U	2.3	0.4 U
2-Methylphenol	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
4-Methylphenol	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
2-Nitroaniline	--	1.8 U	1.8 U	2.2 U	2 U	1.9 U
3-Nitroaniline	--	1.8 U	1.8 U	2.2 U	2 U	1.9 U
4-Nitroaniline	--	1.8 U	1.8 U	2.2 U	2 U	1.9 U
Nitrobenzene	140	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
2-Nitrophenol	--	1.8 U	1.8 U	2.2 U	2 U	1.9 U
4-Nitrophenol	--	1.8 U	1.8 U	2.2 U	2 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
N-Nitrosodiphenylamine	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
2, 2'-oxybis(1-Chloropropane)	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
Pentachlorophenol	--	1.8 U	1.8 U	2.2 U	2 U	1.9 U
Phenol	--	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
1,2,4-Trichlorobenzene	3,200	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U
2,4,5-Trichlorophenol	--	0.76 U	0.76 U	0.9 U	0.84 U	0.8 U
2,4,6-Trichlorophenol	390	0.38 U	0.38 U	0.45 U	0.42 U	0.4 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4	SP16-002 7-8
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.22	0.031	0.034 U	0.044	0.03 U
Acenaphthylene	--	0.041	0.029 U	0.034 U	0.14	0.03 U
Anthracene	--	1.5	0.17	0.034 U	2	0.03 U
Benzo(a)anthracene	--	1.3	0.49	0.082	0.71	0.03 U
Benzo(b)fluoranthene	--	1.3	0.37	0.1	0.79	0.03 U
Benzo(k)fluoranthene	--	0.92	0.42	0.081	0.57	0.03 U
Benzo(g,h,i)perylene	--	0.72	0.096	0.04	0.43	0.03 U
Benzo(a)pyrene	--	1.3	0.42	0.096	0.7	0.03 U
Chrysene	--	1.4	0.52	0.088	0.83	0.03 U
Dibenz(a,h)anthracene	--	0.16	0.045	0.034 U	0.14	0.03 U
Fluoranthene	--	2.5	0.84	0.07	1.1	0.03 U
Fluorene	--	0.15	0.036	0.034 U	0.066	0.03 U
Indeno(1,2,3-cd)pyrene	--	0.7	0.096	0.04	0.42	0.03 U
Naphthalene	270	0.074	0.56	0.034 U	0.74	3.7
Phenanthrene	--	1.4	0.77	0.11	1.9	0.03 U
Pyrene	--	2.3	0.88	0.13	1.2	0.03 U
PCBs (mg/kg)						
Aroclor 1016	--	0.091 U	0.09 U	0.11 U	0.11 U	0.096 U
Aroclor 1221	--	0.091 U	0.09 U	0.11 U	0.11 U	0.096 U
Aroclor 1232	--	0.091 U	0.09 U	0.11 U	0.11 U	0.096 U
Aroclor 1242	--	0.091 U	0.09 U	0.11 U	0.11 U	0.096 U
Aroclor 1248	--	0.091 U	0.09 U	0.11 U	0.11 U	0.096 U
Aroclor 1254	--	0.18 U	0.18 U	0.21 U	0.21 U	0.19 U
Aroclor 1260	--	0.18 U	0.18 U	0.21 U	0.21 U	0.19 U
Total PCBs	--	0.815 U	0.810 U	0.970 U	0.970 U	0.860 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1.2 J	1.3 UJ	2.5 J	1.2 UJ
Arsenic	1,200	8.7	8.1	12	23	15
Beryllium	2,100	0.94	0.81	0.91	2.2	0.96
Cadmium	2,800	0.62	0.65	0.66 U	4.1	0.61 U
Chromium	420	16	14	18	17	21
Copper	--	31 J	29 J	35 J	84 J	49 J
Lead	--	110 J	94 J	83	360	26
Mercury	540,000	0.41	0.16	0.19	1.2	0.033
Nickel	21,000	22 J	20 J	26	23	46
Selenium	--	1.1 U	1.2 U	1.3 U	1.4	1.2 U
Silver	--	1.1 U	1.2 U	1.3 U	1.3 U	1.2 U
Thallium	--	1.4	1.3	1.8	1.5	1.5
Zinc	--	120	110	91 J	1400 J	52 J
Total Cyanide	--	0.29 U	0.29 U	0.34 U	0.34 U	0.3 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3	SP19-002 5-6
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.047 U	0.057 U	0.1	0.057 U	0.23
Benzene	1.6	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Bromodichloromethane	3,000	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Bromoform	100	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Bromomethane	15	0.019 U	0.023 U	0.018 U	0.023 U	0.038 U
2-Butanone	--	0.019 U	0.023 U	0.018 U	0.023 U	0.038 U
Carbon Disulfide	720	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Carbon Tetrachloride	0.640	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Chlorobenzene	210	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Chloroethane	--	0.019 U	0.023 U	0.018 U	0.023 U	0.038 U
Chloroform	0.54	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Chloromethane	--	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Dibromochloromethane	1,300	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
1,1-Dichloroethane	1,700	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
1,2-Dichloroethane	0.7	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
1,1-Dichloroethene	1,500	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
cis-1,2-Dichloroethene	1,200	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
trans-1,2-Dichloroethene	3,100	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
1,2-Dichloropropane	23	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
cis-1,3-Dichloropropene	2.1	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
trans-1,3-Dichloropropene	2.1	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Ethylbenzene	400	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
2-Hexanone	--	0.019 U	0.023 U	0.018 U	0.023 U	0.038 U
4-Methyl-2-Pentanone	--	0.019 U	0.023 U	0.018 U	0.023 U	0.038 U
Methylene Chloride	24	0.019 U	0.023 U	0.018 U	0.023 U	0.038 U
Styrene	1,500	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
1,1,2,2-Tetrachloroethane	--	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Tetrachloroethene	20	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Toluene	650	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
1,1,1-Trichloroethane	1,200	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
1,1,2-Trichloroethane	1,800	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Trichloroethene	8.9	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
Vinyl Chloride	1.1	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
m,p-Xylene	320	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U
o-Xylene	320	0.0094 U	0.011 U	0.0088 U	0.011 U	0.019 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3	SP19-002 5-6
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Bis(2-chloroethyl)ether	0.47	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Bis(2-ethylhexyl)phthalate	31,000	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
4-Bromophenyl phenyl ether	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Butyl benzyl phthalate	930	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Carbazole	--	0.4 U	1	0.39 U	4.8	0.4 U
4-Chloro-3-methylphenol	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
4-Chloroaniline	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
2-Chloronaphthalene	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
2-Chlorophenol	53,000	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Dibenzofuran	--	0.4 U	0.4	0.39 U	2.3	0.4 U
1,2-Dichlorobenzene	560	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
1,3-Dichlorobenzene	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
1,4-Dichlorobenzene	17,000	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
3,3'-Dichlorobenzidine	--	0.8 U	0.76 U	0.79 U	0.77 U	0.8 U
2,4-Dichlorophenol	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Diethyl phthalate	2,000	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Dimethyl phthalate	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Di-n-butyl phthalate	2,300	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
2,4-Dimethylphenol	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	--	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	--	0.3 U	0.29 U	0.3 U	0.29 U	0.3 U
2,6-Dinitrotoluene	--	0.3 U	0.29 U	0.3 U	0.29 U	0.3 U
Di-n-octyl phthalate	10,000	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Hexachlorobenzene	1.8	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Hexachlorobutadiene	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Hexachlorocyclopentadiene	16	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Hexachloroethane	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Isophorone	4,600	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
2-Methylnaphthalene	--	0.4 U	0.51	0.39 U	0.99	0.4 U
2-Methylphenol	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
4-Methylphenol	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
2-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	140	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
2-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
N-Nitrosodiphenylamine	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
2, 2'-oxybis(1-Chloropropane)	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
Pentachlorophenol	--	1.9 U	1.8 U	1.9 U	1.9 U	1.9 U
Phenol	--	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
1,2,4-Trichlorobenzene	3,200	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U
2,4,5-Trichlorophenol	--	0.8 U	0.76 U	0.79 U	0.77 U	0.8 U
2,4,6-Trichlorophenol	390	0.4 U	0.38 U	0.39 U	0.39 U	0.4 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3	SP19-002 5-6
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.12	0.61	0.03 U	2.2	0.03 U
Acenaphthylene	--	0.03 U	1.4	0.03 U	0.32	0.048
Anthracene	--	0.27	2.1	0.03 U	7.4	0.078
Benzo(a)anthracene	--	0.59	4.9	0.03 U	9.1	0.36
Benzo(b)fluoranthene	--	0.29	3.7	0.03 U	7.5	0.21
Benzo(k)fluoranthene	--	0.25	3.2	0.03 U	5.8	0.23
Benzo(g,h,i)perylene	--	0.13	1.8	0.03 U	3.4	0.17
Benzo(a)pyrene	--	0.31	4.9	0.03 U	7.5	0.31
Chrysene	--	0.6	5	0.03 U	8.8	0.38
Dibeno(a,h)anthracene	--	0.054	0.71	0.03 U	1.4	0.058
Fluoranthene	--	1.3	9.5	0.03 U	23	0.75
Fluorene	--	0.13	0.86	0.03 U	3	0.03 U
Indeno(1,2,3-cd)pyrene	--	0.13	1.8	0.03 U	3.4	0.17
Naphthalene	270	0.03 U	0.55	0.03 U	1	0.03 U
Phenanthrene	--	1.1	5.9	0.03 U	22	0.13
Pyrene	--	1.2	10	0.03 U	19	0.96
PCBs (mg/kg)						
Aroclor 1016	--	0.096 U	0.093 U	0.095 U	0.094 U	0.097 U
Aroclor 1221	--	0.096 U	0.093 U	0.095 U	0.094 U	0.097 U
Aroclor 1232	--	0.096 U	0.093 U	0.095 U	0.094 U	0.097 U
Aroclor 1242	--	0.096 U	0.093 U	0.095 U	0.094 U	0.097 U
Aroclor 1248	--	0.096 U	0.093 U	0.095 U	0.094 U	0.097 U
Aroclor 1254	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Total PCBs	--	0.860 U	0.845 U	0.855 U	0.850 U	0.865 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.2 UJ	1.4 J	1.1 UJ	1.1 UJ	1.2 UJ
Arsenic	1,200	9.9	16	12	8.8	9.4
Beryllium	2,100	0.92	0.65	0.82	1	0.8
Cadmium	2,800	0.6 U	1.5	0.57 U	0.61	0.61 U
Chromium	420	24	17	20	20	20
Copper	--	29 J	82 J	31 J	63 J	30 J
Lead	--	37 J	870 J	20	120 J	21
Mercury	540,000	0.079	1.6	0.037	0.4	0.074
Nickel	21,000	33 J	22 J	38	27 J	35
Selenium	--	1.2 U	1.1 U	1.1 U	1.1 U	1.2 U
Silver	--	1.2 U	1.9	1.1 U	1.1 U	1.2 U
Thallium	--	1.5	1.2	1.4	1.4	1.6
Zinc	--	56	320	97 J	110	47 J
Total Cyanide	--	0.3 U	0.29 U	0.3 U	0.3 U	0.3 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3	SP22B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.049 U	0.22	0.09	0.041 U	0.043 U
Benzene	1.6	0.0098 U	0.33	0.0073 U	0.0081 U	0.0087 U
Bromodichloromethane	3,000	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
Bromoform	100	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
Bromomethane	15	0.02 U	0.055 U	0.015 U	0.016 U	0.017 U
2-Butanone	--	0.02 U	0.055 U	0.015 U	0.016 U	0.017 U
Carbon Disulfide	720	0.0098 U	7.4	0.0073 U	0.0081 U	0.0087 U
Carbon Tetrachloride	0.640	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
Chlorobenzene	210	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
Chloroethane	--	0.02 U	0.055 U	0.015 U	0.016 U	0.017 U
Chloroform	0.54	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
Chloromethane	--	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
Dibromochloromethane	1,300	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
1,1-Dichloroethane	1,700	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
1,2-Dichloroethane	0.7	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
1,1-Dichloroethene	1,500	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
cis-1,2-Dichloroethene	1,200	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
trans-1,2-Dichloroethene	3,100	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
1,2-Dichloropropane	23	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
cis-1,3-Dichloropropene	2.1	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
trans-1,3-Dichloropropene	2.1	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
Ethylbenzene	400	0.0098 U	0.18	0.0073 U	0.0081 U	0.0087 U
2-Hexanone	--	0.02 U	0.055 U	0.015 U	0.016 U	0.017 U
4-Methyl-2-Pentanone	--	0.02 U	0.055 U	0.015 U	0.016 U	0.017 U
Methylene Chloride	24	0.02 U	0.055 U	0.015 U	0.016 U	0.017 U
Styrene	1,500	0.0098 U	0.61	0.0073 U	0.0081 U	0.0087 U
1,1,2,2-Tetrachloroethane	--	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
Tetrachloroethene	20	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
Toluene	650	0.0098 U	0.46	0.0073 U	0.0081 U	0.0087 U
1,1,1-Trichloroethane	1,200	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
1,1,2-Trichloroethane	1,800	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
Trichloroethene	8.9	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
Vinyl Chloride	1.1	0.0098 U	0.028 U	0.0073 U	0.0081 U	0.0087 U
m,p-Xylene	320	0.0098 U	0.81	0.0073 U	0.0081 U	0.0087 U
o-Xylene	320	0.0098 U	0.16	0.0073 U	0.0081 U	0.0087 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3	SP22B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Bis(2-chloroethyl)ether	0.47	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Bis(2-ethylhexyl)phthalate	31,000	0.38 U	11 U	0.4 U	0.38 U	0.36 U
4-Bromophenyl phenyl ether	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Butyl benzyl phthalate	930	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Carbazole	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
4-Chloro-3-methylphenol	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
4-Chloroaniline	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
2-Chloronaphthalene	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
2-Chlorophenol	53,000	0.38 U	11 U	0.4 U	0.38 U	0.36 U
4-Chlorophenyl phenyl ether	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Dibenzofuran	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
1,2-Dichlorobenzene	560	0.38 U	11 U	0.4 U	0.38 U	0.36 U
1,3-Dichlorobenzene	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
1,4-Dichlorobenzene	17,000	0.38 U	11 U	0.4 U	0.38 U	0.36 U
3,3'-Dichlorobenzidine	--	0.77 U	21 U	0.8 U	0.76 U	0.73 U
2,4-Dichlorophenol	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Diethyl phthalate	2,000	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Dimethyl phthalate	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Di-n-butyl phthalate	2,300	0.38 U	11 U	0.4 U	0.38 U	0.36 U
2,4-Dimethylphenol	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
4,6-Dinitro-2-methylphenol	--	1.9 U	51 U	1.9 U	1.8 U	1.8 U
2,4-Dinitrophenol	--	1.9 U	51 U	1.9 U	1.8 U	1.8 U
2,4-Dinitrotoluene	--	0.29 U	8 U	0.3 U	0.29 U	0.27 U
2,6-Dinitrotoluene	--	0.29 U	8 U	0.3 U	0.29 U	0.27 U
Di-n-octyl phthalate	10,000	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Hexachlorobenzene	1.8	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Hexachlorobutadiene	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Hexachlorocyclopentadiene	16	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Hexachloroethane	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Isophorone	4,600	0.38 U	11 U	0.4 U	0.38 U	0.36 U
2-Methylnaphthalene	--	0.38 U	14	0.4 U	0.38 U	0.36 U
2-Methylphenol	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
4-Methylphenol	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
2-Nitroaniline	--	1.9 U	51 U	1.9 U	1.8 U	1.8 U
3-Nitroaniline	--	1.9 U	51 U	1.9 U	1.8 U	1.8 U
4-Nitroaniline	--	1.9 U	51 U	1.9 U	1.8 U	1.8 U
Nitrobenzene	140	0.38 U	11 U	0.4 U	0.38 U	0.36 U
2-Nitrophenol	--	1.9 U	51 U	1.9 U	1.8 U	1.8 U
4-Nitrophenol	--	1.9 U	51 U	1.9 U	1.8 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
N-Nitrosodiphenylamine	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
2, 2'-oxybis(1-Chloropropane)	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
Pentachlorophenol	--	1.9 U	51 U	1.9 U	1.8 U	1.8 U
Phenol	--	0.38 U	11 U	0.4 U	0.38 U	0.36 U
1,2,4-Trichlorobenzene	3,200	0.38 U	11 U	0.4 U	0.38 U	0.36 U
2,4,5-Trichlorophenol	--	0.77 U	21 U	0.8 U	0.76 U	0.73 U
2,4,6-Trichlorophenol	390	0.38 U	11 U	0.4 U	0.38 U	0.36 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3	SP22B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.029 U	0.94	0.031 U	0.029 U	0.027 U
Acenaphthylene	--	0.029 U	4.8	0.031 U	0.029 U	0.04
Anthracene	--	0.037	1.3	0.031 U	0.031	0.039
Benzo(a)anthracene	--	0.12	5.1	0.031 U	0.17	0.17
Benzo(b)fluoranthene	--	0.13	1.4	0.031 U	0.099	0.11
Benzo(k)fluoranthene	--	0.11	1.8	0.031 U	0.079	0.083
Benzo(g,h,i)perylene	--	0.072	0.8 U	0.031 U	0.036	0.052
Benzo(a)pyrene	--	0.13	0.84	0.031 U	0.085	0.1
Chrysene	--	0.13	6.6	0.031 U	0.17	0.17
Dibeno(a,h)anthracene	--	0.029 U	0.8 U	0.031 U	0.029 U	0.027 U
Fluoranthene	--	0.21	10	0.031 U	0.27	0.26
Fluorene	--	0.029 U	1.4	0.031 U	0.029 U	0.027 U
Indeno(1,2,3-cd)pyrene	--	0.064	0.8 U	0.031 U	0.038	0.051
Naphthalene	270	0.029 U	73	0.057	0.029 U	0.029
Phenanthrene	--	0.087	8.8	0.031 U	0.085	0.11
Pyrene	--	0.24	16	0.031 U	0.28	0.29
PCBs (mg/kg)						
Aroclor 1016	--	0.094 U	1 U	0.097 U	0.091 U	0.088 U
Aroclor 1221	--	0.094 U	1 U	0.097 U	0.091 U	0.088 U
Aroclor 1232	--	0.094 U	1 U	0.097 U	0.091 U	0.088 U
Aroclor 1242	--	0.094 U	1 U	0.097 U	0.091 U	0.088 U
Aroclor 1248	--	0.094 U	1 U	0.097 U	0.091 U	0.088 U
Aroclor 1254	--	0.19 U	2 U	0.19 U	0.18 U	0.18 U
Aroclor 1260	--	0.19 U	2 U	0.19 U	0.18 U	0.18 U
Total PCBs	--	0.850 U	9.000 U	0.865 U	0.815 U	0.800 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1.8 J	1.2 UJ	1.1 UJ	1.1 UJ
Arsenic	1,200	11	21	5.4	2.8	4.7
Beryllium	2,100	0.7	0.65 U	0.59 U	0.55 U	0.54 U
Cadmium	2,800	0.55 U	0.65 U	0.59 U	0.55 U	0.54 U
Chromium	420	23	7.2	18	7.5	9.7
Copper	--	23 J	67 J	25 J	8.5 J	12 J
Lead	--	98 J	140	19	26 J	25 J
Mercury	540,000	0.15	0.52	0.038	0.048	0.15
Nickel	21,000	26 J	11	23	8.6 J	16 J
Selenium	--	1.1 U	1.3 U	1.2 U	1.1 U	1.1 U
Silver	--	1.1 U	1.3 U	1.2 U	1.1 U	1.1 U
Thallium	--	1.4	1.3 U	1.2 U	1.1 U	1.1 U
Zinc	--	74	75 J	48 J	53	39
Total Cyanide	--	1.5	150	0.31 U	0.29 U	0.28 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10	SP25-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.052	0.061 U	0.025 U	0.22 J	0.047 U
Benzene	1.6	0.0085 U	0.012 U	2.6	25	0.0095 U
Bromodichloromethane	3,000	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
Bromoform	100	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
Bromomethane	15	0.017 U	0.024 U	0.01 U	0.053 UJ	0.019 U
2-Butanone	--	0.017 U	0.024 U	0.01 U	0.053 UJ	0.019 U
Carbon Disulfide	720	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
Carbon Tetrachloride	0.640	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
Chlorobenzene	210	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
Chloroethane	--	0.017 U	0.024 U	0.01 U	0.053 UJ	0.019 U
Chloroform	0.54	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
Chloromethane	--	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
Dibromochloromethane	1,300	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
1,1-Dichloroethane	1,700	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
1,2-Dichloroethane	0.7	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
1,1-Dichloroethene	1,500	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
cis-1,2-Dichloroethene	1,200	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
trans-1,2-Dichloroethene	3,100	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
1,2-Dichloropropane	23	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
cis-1,3-Dichloropropene	2.1	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
trans-1,3-Dichloropropene	2.1	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
Ethylbenzene	400	0.0085 U	0.012 U	0.0051 U	52	0.0095 U
2-Hexanone	--	0.017 U	0.024 U	0.01 U	0.053 UJ	0.019 U
4-Methyl-2-Pentanone	--	0.017 U	0.024 U	0.01 U	0.053 UJ	0.019 U
Methylene Chloride	24	0.017 U	0.024 U	0.01 U	0.053 UJ	0.019 U
Styrene	1,500	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
1,1,2,2-Tetrachloroethane	--	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
Tetrachloroethene	20	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.015
Toluene	650	0.0085 U	0.012 U	0.0051 U	1.1	0.0095 U
1,1,1-Trichloroethane	1,200	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
1,1,2-Trichloroethane	1,800	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
Trichloroethene	8.9	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
Vinyl Chloride	1.1	0.0085 U	0.012 U	0.0051 U	0.027 UJ	0.0095 U
m,p-Xylene	320	0.0085 U	0.012 U	0.0051 U	17	0.0095 U
o-Xylene	320	0.0085 U	0.012 U	0.0051 U	6.6	0.0095 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10	SP25-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Bis(2-chloroethyl)ether	0.47	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	0.38 U	0.4 U	0.97	0.39 U
4-Bromophenyl phenyl ether	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Butyl benzyl phthalate	930	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Carbazole	--	0.39 U	0.38 U	0.4 U	2.6	0.39 U
4-Chloro-3-methylphenol	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
4-Chloroaniline	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
2-Chloronaphthalene	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
2-Chlorophenol	53,000	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Dibenzofuran	--	0.39 U	0.38 U	0.4 U	2.5	0.39 U
1,2-Dichlorobenzene	560	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
1,3-Dichlorobenzene	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
1,4-Dichlorobenzene	17,000	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
3,3'-Dichlorobenzidine	--	0.78 U	0.77 U	0.8 U	1.2 U	0.78 U
2,4-Dichlorophenol	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Diethyl phthalate	2,000	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Dimethyl phthalate	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Di-n-butyl phthalate	2,300	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
2,4-Dimethylphenol	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.9 U	2.8 U	1.9 U
2,4-Dinitrophenol	--	1.9 U	1.9 U	1.9 U	2.8 U	1.9 U
2,4-Dinitrotoluene	--	0.29 U	0.29 U	0.3 U	0.44 U	0.29 U
2,6-Dinitrotoluene	--	0.29 U	0.29 U	0.3 U	0.44 U	0.29 U
Di-n-octyl phthalate	10,000	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Hexachlorobenzene	1.8	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Hexachlorobutadiene	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Hexachlorocyclopentadiene	16	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Hexachloroethane	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Isophorone	4,600	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
2-Methylnaphthalene	--	0.39 U	0.38 U	0.4 U	106	0.39 U
2-Methylphenol	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
4-Methylphenol	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
2-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2.8 U	1.9 U
3-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2.8 U	1.9 U
4-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2.8 U	1.9 U
Nitrobenzene	140	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
2-Nitrophenol	--	1.9 U	1.9 U	1.9 U	2.8 U	1.9 U
4-Nitrophenol	--	1.9 U	1.9 U	1.9 U	2.8 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
N-Nitrosodiphenylamine	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
2, 2'-oxybis(1-Chloropropane)	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
Pentachlorophenol	--	1.9 U	1.9 U	1.9 U	2.8 U	1.9 U
Phenol	--	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
1,2,4-Trichlorobenzene	3,200	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U
2,4,5-Trichlorophenol	--	0.78 U	0.77 U	0.8 U	1.2 U	0.78 U
2,4,6-Trichlorophenol	390	0.39 U	0.38 U	0.4 U	0.58 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10	SP25-001 1-2
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.029 U	0.029 U	0.069	2.6	0.029 U
Acenaphthylene	--	0.029 U	0.029 U	0.03 U	2.7	0.05
Anthracene	--	0.029 U	0.035	0.17	5.1	0.067
Benzo(a)anthracene	--	0.029 U	0.19	0.33	3.6	0.3
Benzo(b)fluoranthene	--	0.029 U	0.043	0.11	1.5	0.21
Benzo(k)fluoranthene	--	0.029 U	0.03	0.14	1.7	0.22
Benzo(g,h,i)perylene	--	0.029 U	0.039	0.085	0.48	0.17
Benzo(a)pyrene	--	0.029 U	0.051	0.13	2.3	0.33
Chrysene	--	0.029 U	0.23	0.32	3.8	0.29
Dibeno(a,h)anthracene	--	0.029 U	0.029 U	0.034	0.26	0.057
Fluoranthene	--	0.029 U	0.11	1	8.5	0.76
Fluorene	--	0.029 U	0.029 U	0.081	7.3	0.029 U
Indeno(1,2,3-cd)pyrene	--	0.029 U	0.029 U	0.091	0.46	0.16
Naphthalene	270	0.043	0.034	0.096	170	0.029 U
Phenanthrene	--	0.032	0.054	0.65	18	0.19
Pyrene	--	0.036	0.25	0.95	9.5	0.8
PCBs (mg/kg)						
Aroclor 1016	--	0.094 U	0.092 U	0.097 U	0.14 U	0.092 U
Aroclor 1221	--	0.094 U	0.092 U	0.097 U	0.14 U	0.092 U
Aroclor 1232	--	0.094 U	0.092 U	0.097 U	0.14 U	0.092 U
Aroclor 1242	--	0.094 U	0.092 U	0.097 U	0.14 U	0.092 U
Aroclor 1248	--	0.094 U	0.092 U	0.097 U	0.14 U	0.092 U
Aroclor 1254	--	0.19 U	0.18 U	0.19 U	0.27 U	0.18 U
Aroclor 1260	--	0.19 U	0.18 U	0.19 U	0.27 U	0.18 U
Total PCBs	--	0.850 U	0.820 U	0.865 U	1.240 U	0.820 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1.1 UJ	1.2 UJ	13 J	1.1 UJ
Arsenic	1,200	7	5.9	4.1	14	17
Beryllium	2,100	0.57 U	0.55 U	0.59 U	0.83 U	0.71
Cadmium	2,800	0.57 U	0.55 U	0.59 U	2.4	0.57 U
Chromium	420	17	23	17	170	20
Copper	--	25 J	26 J	17 J	140 J	32 J
Lead	--	23	26 J	54	2200	27 J
Mercury	540,000	0.028 U	0.23	0.13	0.82	0.19
Nickel	21,000	32	30 J	15	77	40 J
Selenium	--	1.1 U	1.1 U	1.2 U	1.7 U	1.1 U
Silver	--	1.1 U	1.1 U	1.2 U	1.7 U	1.1 U
Thallium	--	1.1 U	1.1 U	1.2 U	1.7 U	1.2
Zinc	--	41 J	53	62 J	740 J	50
Total Cyanide	--	0.3 U	0.29 U	0.31 U	6.3	0.3 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3	SP27-002 4-8
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.35	0.057 U	0.04	0.026 UJ	0.034 U
Benzene	1.6	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Bromodichloromethane	3,000	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Bromoform	100	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Bromomethane	15	0.035 U	0.023 U	0.014 U	0.01 UJ	0.014 U
2-Butanone	--	0.17	0.023 U	0.014 U	0.01 UJ	0.014 U
Carbon Disulfide	720	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Carbon Tetrachloride	0.640	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Chlorobenzene	210	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Chloroethane	--	0.035 U	0.023 U	0.014 U	0.01 UJ	0.014 U
Chloroform	0.54	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Chloromethane	--	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Dibromochloromethane	1,300	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
1,1-Dichloroethane	1,700	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
1,2-Dichloroethane	0.7	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
1,1-Dichloroethene	1,500	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
cis-1,2-Dichloroethene	1,200	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
trans-1,2-Dichloroethene	3,100	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
1,2-Dichloropropane	23	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
cis-1,3-Dichloropropene	2.1	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
trans-1,3-Dichloropropene	2.1	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Ethylbenzene	400	0.021	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
2-Hexanone	--	0.035 U	0.023 U	0.014 U	0.01 UJ	0.014 U
4-Methyl-2-Pentanone	--	0.035 U	0.023 U	0.014 U	0.01 UJ	0.014 U
Methylene Chloride	24	0.035 U	0.023 U	0.014 U	0.01 UJ	0.014 U
Styrene	1,500	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
1,1,2,2-Tetrachloroethane	--	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Tetrachloroethene	20	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Toluene	650	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
1,1,1-Trichloroethane	1,200	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
1,1,2-Trichloroethane	1,800	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Trichloroethene	8.9	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
Vinyl Chloride	1.1	0.017 U	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
m,p-Xylene	320	0.023	0.011 U	0.0072 U	0.0052 UJ	0.0068 U
o-Xylene	320	0.031	0.011 U	0.0072 U	0.0052 UJ	0.0068 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3	SP27-002 4-8
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether	0.47	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.45 U	0.39 U	0.39 U	0.39 U	2.9
4-Bromophenyl phenyl ether	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Butyl benzyl phthalate	930	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Carbazole	--	0.45 U	1.9	0.39 U	0.39 U	0.5
4-Chloro-3-methylphenol	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Chloroaniline	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Chloronaphthalene	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Chlorophenol	53,000	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Dibenzofuran	--	0.45 U	1.7	0.39 U	0.39 U	0.39 U
1,2-Dichlorobenzene	560	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
1,3-Dichlorobenzene	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
1,4-Dichlorobenzene	17,000	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
3,3'-Dichlorobenzidine	--	0.89 U	0.77 U	0.77 U	0.78 U	0.78 U
2,4-Dichlorophenol	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Diethyl phthalate	2,000	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Dimethyl phthalate	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Di-n-butyl phthalate	2,300	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
2,4-Dimethylphenol	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	--	2.2 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	--	2.2 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	--	0.34 U	0.29 U	0.29 U	0.29 U	0.3 U
2,6-Dinitrotoluene	--	0.34 U	0.29 U	0.29 U	0.29 U	0.3 U
Di-n-octyl phthalate	10,000	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachlorobenzene	1.8	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachlorobutadiene	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	16	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Hexachloroethane	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Isophorone	4,600	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Methylnaphthalene	--	0.45 U	0.64	0.39 U	0.39 U	0.39 U
2-Methylphenol	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
4-Methylphenol	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Nitroaniline	--	2.2 U	1.9 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	--	2.2 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	--	2.2 U	1.9 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	140	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
2-Nitrophenol	--	2.2 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	--	2.2 U	1.9 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
2, 2'-oxybis(1-Chloropropane)	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
Pentachlorophenol	--	2.2 U	1.9 U	1.9 U	1.9 U	1.9 U
Phenol	--	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	3,200	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	--	0.89 U	0.77 U	0.77 U	0.78 U	0.78 U
2,4,6-Trichlorophenol	390	0.45 U	0.39 U	0.39 U	0.39 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3	SP27-002 4-8
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.059	1	0.029 U	0.029 U	0.34
Acenaphthylene	--	0.095	0.28	0.029 U	0.029 U	0.11
Anthracene	--	0.27	5.1	0.029 U	0.075	0.6
Benzo(a)anthracene	--	0.39	8.1	0.029 U	0.46	4.9
Benzo(b)fluoranthene	--	0.3	6.9	0.029 U	0.35	2.8
Benzo(k)fluoranthene	--	0.24	4.9	0.029 U	0.42	2
Benzo(g,h,i)perylene	--	0.087	2	0.029 U	0.39	1.5
Benzo(a)pyrene	--	0.25	6.3	0.029 U	0.39	5.2
Chrysene	--	0.44	8.5	0.029 U	0.45	4.4
Dibenz(a,h)anthracene	--	0.039	0.75	0.029 U	0.076	0.66
Fluoranthene	--	0.84	23	0.03	0.85	7.5
Fluorene	--	0.15	1.3	0.029 U	0.029 U	0.35
Indeno(1,2,3-cd)pyrene	--	0.1	2.1	0.029 U	0.19	1.5
Naphthalene	270	0.41	0.33	0.029 U	0.032	0.17
Phenanthrene	--	0.65	10	0.069	0.36	1.7
Pyrene	--	0.76	19	0.034	0.81	10
PCBs (mg/kg)						
Aroclor 1016	--	0.11 U	0.095 U	0.094 U	0.089 U	0.091 U
Aroclor 1221	--	0.11 U	0.095 U	0.094 U	0.089 U	0.091 U
Aroclor 1232	--	0.11 U	0.095 U	0.094 U	0.089 U	0.091 U
Aroclor 1242	--	0.11 U	0.095 U	0.094 U	0.089 U	0.29
Aroclor 1248	--	0.11 U	0.095 U	0.094 U	0.089 U	0.091 U
Aroclor 1254	--	0.21 U	0.19 U	0.19 U	0.19	0.36
Aroclor 1260	--	0.21 U	0.19 U	0.19 U	0.18 U	0.18 U
Total PCBs	--	0.970 U	0.855 U	0.850 U	0.815	1.194
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.3 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.2 J
Arsenic	1,200	5.5	7.3	7.5	9.1	3.9
Beryllium	2,100	0.65 U	0.66	0.56 U	0.55 U	0.54 U
Cadmium	2,800	0.65 U	0.57 U	0.56 U	1.1	1.1
Chromium	420	15	15	17	14	16
Copper	--	29 J	46 J	26 J	37 J	56 J
Lead	--	65	230 J	19	110 J	96
Mercury	540,000	0.26	1.2	0.029 U	0.33	0.33
Nickel	21,000	18	21 J	27	17 J	17
Selenium	--	1.3 U	1.1 U	1.1 U	1.1 U	1.1 U
Silver	--	1.3 U	1.1 U	1.1 U	1.1 U	1.1 U
Thallium	--	1.3 U	1.1 U	1.2	1.1 U	1.1 U
Zinc	--	90 J	120	41 J	220	250 J
Total Cyanide	--	0.8	0.3 U	0.3 U	0.29 U	0.3 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP28-001 1-2	SP29-001 2-3	SP29-002 9-10	SP30-001 1-2	SP30-002 8-9
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.05 U	0.04 U	0.049 U	0.051 U	0.038 U
Benzene	1.6	0.01 U	0.0079 U	0.91	0.01 U	0.0075 U
Bromodichloromethane	3,000	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
Bromoform	100	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
Bromomethane	15	0.02 U	0.016 U	0.019 U	0.021 U	0.015 U
2-Butanone	--	0.02 U	0.016 U	0.019 U	0.021 U	0.015 U
Carbon Disulfide	720	0.01 U	0.0079 U	0.011	0.01 U	0.0075 U
Carbon Tetrachloride	0.640	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
Chlorobenzene	210	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
Chloroethane	--	0.02 U	0.016 U	0.019 U	0.021 U	0.015 U
Chloroform	0.54	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
Chloromethane	--	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
Dibromochloromethane	1,300	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
1,1-Dichloroethane	1,700	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
1,2-Dichloroethane	0.7	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
1,1-Dichloroethene	1,500	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
cis-1,2-Dichloroethene	1,200	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
trans-1,2-Dichloroethene	3,100	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
1,2-Dichloropropane	23	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
cis-1,3-Dichloropropene	2.1	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
trans-1,3-Dichloropropene	2.1	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
Ethylbenzene	400	0.01 U	0.0079 U	1.5	0.01 U	0.0075 U
2-Hexanone	--	0.02 U	0.016 U	0.019 U	0.021 U	0.015 U
4-Methyl-2-Pentanone	--	0.02 U	0.016 U	0.019 U	0.021 U	0.015 U
Methylene Chloride	24	0.02 U	0.016 U	0.019 U	0.021 U	0.015 U
Styrene	1,500	0.01 U	0.0079 U	0.01	0.01 U	0.0075 U
1,1,2,2-Tetrachloroethane	--	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
Tetrachloroethene	20	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
Toluene	650	0.01 U	0.0079 U	0.017	0.01 U	0.0075 U
1,1,1-Trichloroethane	1,200	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
1,1,2-Trichloroethane	1,800	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
Trichloroethene	8.9	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
Vinyl Chloride	1.1	0.01 U	0.0079 U	0.0097 U	0.01 U	0.0075 U
m,p-Xylene	320	0.01 U	0.0079 U	0.019	0.01 U	0.0075 U
o-Xylene	320	0.01 U	0.0079 U	0.52	0.01 U	0.0075 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP28-001 1-2	SP29-001 2-3	SP29-002 9-10	SP30-001 1-2	SP30-002 8-9
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Bis(2-chloroethyl)ether	0.47	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Bis(2-ethylhexyl)phthalate	31,000	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
4-Bromophenyl phenyl ether	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Butyl benzyl phthalate	930	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Carbazole	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
4-Chloro-3-methylphenol	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
4-Chloroaniline	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
2-Chloronaphthalene	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
2-Chlorophenol	53,000	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Dibenzofuran	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
1,2-Dichlorobenzene	560	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
1,3-Dichlorobenzene	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
1,4-Dichlorobenzene	17,000	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
3,3'-Dichlorobenzidine	--	0.79 U	0.81 U	0.89 U	0.72 U	0.74 U
2,4-Dichlorophenol	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Diethyl phthalate	2,000	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Dimethyl phthalate	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Di-n-butyl phthalate	2,300	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
2,4-Dimethylphenol	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
4,6-Dinitro-2-methylphenol	--	1.9 U	2 U	2.2 U	1.7 U	1.8 U
2,4-Dinitrophenol	--	1.9 U	2 U	2.2 U	1.7 U	1.8 U
2,4-Dinitrotoluene	--	0.3 U	0.31 U	0.34 U	0.27 U	0.28 U
2,6-Dinitrotoluene	--	0.3 U	0.31 U	0.34 U	0.27 U	0.28 U
Di-n-octyl phthalate	10,000	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Hexachlorobenzene	1.8	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Hexachlorobutadiene	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Hexachlorocyclopentadiene	16	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Hexachloroethane	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Isophorone	4,600	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
2-Methylnaphthalene	--	1	0.65	0.77	0.36 U	0.37 U
2-Methylphenol	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
4-Methylphenol	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
2-Nitroaniline	--	1.9 U	2 U	2.2 U	1.7 U	1.8 U
3-Nitroaniline	--	1.9 U	2 U	2.2 U	1.7 U	1.8 U
4-Nitroaniline	--	1.9 U	2 U	2.2 U	1.7 U	1.8 U
Nitrobenzene	140	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
2-Nitrophenol	--	1.9 U	2 U	2.2 U	1.7 U	1.8 U
4-Nitrophenol	--	1.9 U	2 U	2.2 U	1.7 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
N-Nitrosodiphenylamine	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
2, 2'-oxybis(1-Chloropropane)	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
Pentachlorophenol	--	1.9 U	2 U	2.2 U	1.7 U	1.8 U
Phenol	--	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
1,2,4-Trichlorobenzene	3,200	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U
2,4,5-Trichlorophenol	--	0.79 U	0.81 U	0.89 U	0.72 U	0.74 U
2,4,6-Trichlorophenol	390	0.4 U	0.4 U	0.44 U	0.36 U	0.37 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP28-001 1-2	SP29-001 2-3	SP29-002 9-10	SP30-001 1-2	SP30-002 8-9
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.1	0.06	0.089	0.027 U	0.028 U
Acenaphthylene	--	1.6	0.11	0.14	0.027 U	0.028 U
Anthracene	--	0.54	0.19	0.27	0.13	0.028 U
Benzo(a)anthracene	--	2.4	0.9	1	0.4	0.028 U
Benzo(b)fluoranthene	--	1.7	0.66	0.75	0.34	0.028 U
Benzo(k)fluoranthene	--	1.5	0.54	0.52	0.3	0.028 U
Benzo(g,h,i)perylene	--	1.3	0.33	0.43	0.083	0.028 U
Benzo(a)pyrene	--	2.4	0.72	0.89	0.38	0.028 U
Chrysene	--	2.2	0.76	0.95	0.38	0.028 U
Dibenz(a,h)anthracene	--	0.8	0.11	0.14	0.034	0.028 U
Fluoranthene	--	2.7	1.4	1.7	0.76	0.028 U
Fluorene	--	0.16	0.13	0.19	0.029	0.028 U
Indeno(1,2,3-cd)pyrene	--	1.1	0.31	0.4	0.094	0.028 U
Naphthalene	270	1.1	3.8	4	0.027 U	1.1
Phenanthrene	--	2.1	0.93	1.1	0.41	0.028 U
Pyrene	--	5	1.6	1.8	0.68	0.028 U
PCBs (mg/kg)						
Aroclor 1016	--	0.097 U	0.093 U	0.11 U	0.086 U	0.09 U
Aroclor 1221	--	0.097 U	0.093 U	0.11 U	0.086 U	0.09 U
Aroclor 1232	--	0.097 U	0.093 U	0.11 U	0.086 U	0.09 U
Aroclor 1242	--	0.097 U	0.093 U	0.11 U	0.086 U	0.09 U
Aroclor 1248	--	0.097 U	0.093 U	0.11 U	0.086 U	0.09 U
Aroclor 1254	--	0.19 U	0.19 U	0.22 U	0.17 U	0.18 U
Aroclor 1260	--	0.19 U	0.19 U	0.22 U	0.17 U	0.18 U
Total PCBs	--	0.865 U	0.845 U	0.990 U	0.770 U	0.810 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1.6 J	1.4 J	1 UJ	1.1 UJ
Arsenic	1,200	6.7	13	8.9	3.4	10
Beryllium	2,100	0.8	0.87	0.93	0.52 U	0.77
Cadmium	2,800	0.87	0.67	1.2	0.52 U	0.56 U
Chromium	420	18	19	18	9.4	20
Copper	--	36 J	77 J	32 J	11 J	24 J
Lead	--	94 J	300 J	170	28 J	15
Mercury	540,000	0.24	0.95	0.22	0.074	0.029 U
Nickel	21,000	30 J	26 J	30	11 J	33
Selenium	--	1.1 U	1.2 U	1.3 U	1 U	1.1 U
Silver	--	1.1 U	1.2 U	1.3 U	1 U	1.1 U
Thallium	--	1.2	1.2 U	1.3 U	1 U	1.1 U
Zinc	--	250	250	170 J	32	41 J
Total Cyanide	--	0.3 U	0.85	0.34 U	0.27 U	0.29 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP31-001 1-2	SP31-002 7.5-8.5	SP32-001 2-3	SP32-002 9-10	SP33-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.069 U	0.046 U	0.052 U	0.068 U	0.084 U
Benzene	1.6	0.014 U	0.0092 U	0.01 U	2.8	0.017 U
Bromodichloromethane	3,000	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
Bromoform	100	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
Bromomethane	15	0.028 U	0.018 U	0.021 U	0.027 U	0.033 U
2-Butanone	--	0.028 U	0.018 U	0.021 U	0.027 U	0.033 U
Carbon Disulfide	720	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
Carbon Tetrachloride	0.640	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
Chlorobenzene	210	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
Chloroethane	--	0.028 U	0.018 U	0.021 U	0.027 U	0.033 U
Chloroform	0.54	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
Chloromethane	--	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
Dibromochloromethane	1,300	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
1,1-Dichloroethane	1,700	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
1,2-Dichloroethane	0.7	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
1,1-Dichloroethene	1,500	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
cis-1,2-Dichloroethene	1,200	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
trans-1,2-Dichloroethene	3,100	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
1,2-Dichloropropane	23	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
cis-1,3-Dichloropropene	2.1	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
trans-1,3-Dichloropropene	2.1	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
Ethylbenzene	400	0.014 U	0.0092 U	0.01 U	1.3	0.017 U
2-Hexanone	--	0.028 U	0.018 U	0.021 U	0.027 U	0.033 U
4-Methyl-2-Pentanone	--	0.028 U	0.018 U	0.021 U	0.027 U	0.033 U
Methylene Chloride	24	0.028 U	0.018 U	0.021 U	0.027 U	0.033 U
Styrene	1,500	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
1,1,2,2-Tetrachloroethane	--	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
Tetrachloroethene	20	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
Toluene	650	0.014 U	0.0092 U	0.01 U	0.095	0.017 U
1,1,1-Trichloroethane	1,200	0.014 U	0.0092 U	0.01 U	0.014 U	0.64
1,1,2-Trichloroethane	1,800	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
Trichloroethene	8.9	0.014 U	0.0092 U	0.01 U	0.014 U	0.087
Vinyl Chloride	1.1	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U
m,p-Xylene	320	0.014 U	0.0092 U	0.01 U	0.024	0.017 U
o-Xylene	320	0.014 U	0.0092 U	0.01 U	0.014 U	0.017 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) Shaded values exceeded Tier 1 screening level.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP31-001 1-2	SP31-002 7.5-8.5	SP32-001 2-3	SP32-002 9-10	SP33-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Bis(2-chloroethyl)ether	0.47	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Bis(2-ethylhexyl)phthalate	31,000	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
4-Bromophenyl phenyl ether	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Butyl benzyl phthalate	930	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Carbazole	--	0.37 U	0.41 U	0.35 U	25	0.4 U
4-Chloro-3-methylphenol	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
4-Chloroaniline	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
2-Chloronaphthalene	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
2-Chlorophenol	53,000	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
4-Chlorophenyl phenyl ether	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Dibenzofuran	--	0.37 U	0.41 U	0.35 U	20	0.49
1,2-Dichlorobenzene	560	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
1,3-Dichlorobenzene	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
1,4-Dichlorobenzene	17,000	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
3,3'-Dichlorobenzidine	--	0.74 U	0.81 U	0.7 U	1 U	0.8 U
2,4-Dichlorophenol	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Diethyl phthalate	2,000	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Dimethyl phthalate	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Di-n-butyl phthalate	2,300	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
2,4-Dimethylphenol	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
4,6-Dinitro-2-methylphenol	--	1.8 U	2 U	1.7 U	2.5 U	1.9 U
2,4-Dinitrophenol	--	1.8 U	2 U	1.7 U	2.5 U	1.9 U
2,4-Dinitrotoluene	--	0.28 U	0.31 U	0.27 U	0.39 U	0.3 U
2,6-Dinitrotoluene	--	0.28 U	0.31 U	0.27 U	0.39 U	0.3 U
Di-n-octyl phthalate	10,000	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Hexachlorobenzene	1.8	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Hexachlorobutadiene	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Hexachlorocyclopentadiene	16	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Hexachloroethane	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Isophorone	4,600	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
2-Methylnaphthalene	--	0.37 U	0.41 U	0.35 U	12	2.8
2-Methylphenol	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
4-Methylphenol	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
2-Nitroaniline	--	1.8 U	2 U	1.7 U	2.5 U	1.9 U
3-Nitroaniline	--	1.8 U	2 U	1.7 U	2.5 U	1.9 U
4-Nitroaniline	--	1.8 U	2 U	1.7 U	2.5 U	1.9 U
Nitrobenzene	140	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
2-Nitrophenol	--	1.8 U	2 U	1.7 U	2.5 U	1.9 U
4-Nitrophenol	--	1.8 U	2 U	1.7 U	2.5 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
N-Nitrosodiphenylamine	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
2, 2'-oxybis(1-Chloropropane)	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
Pentachlorophenol	--	1.8 U	2 U	1.7 U	2.5 U	1.9 U
Phenol	--	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
1,2,4-Trichlorobenzene	3,200	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U
2,4,5-Trichlorophenol	--	0.74 U	0.81 U	0.7 U	1 U	0.8 U
2,4,6-Trichlorophenol	390	0.37 U	0.41 U	0.35 U	0.52 U	0.4 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP31-001 1-2	SP31-002 7.5-8.5	SP32-001 2-3	SP32-002 9-10	SP33-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.12	0.031 U	0.054	8.2	0.035
Acenaphthylene	--	0.21	0.031 U	0.027 U	2.6	0.11
Anthracene	--	0.95	0.031 U	0.11	22	0.16
Benzo(a)anthracene	--	2.6	0.1	2.4	23	0.64
Benzo(b)fluoranthene	--	1.9	0.093	5.3	11	0.77
Benzo(k)fluoranthene	--	2.1	0.086	3.7	6.9	0.49
Benzo(g,h,i)perylene	--	1.8	0.07	4	4.2	0.36
Benzo(a)pyrene	--	3.2	0.12	4.6	12	0.64
Chrysene	--	2.7	0.099	3.4	18	0.73
Dibeno(a,h)anthracene	--	0.65	0.031 U	1.5	2.2	0.11
Fluoranthene	--	4.3	0.18	1.6	52	1.2
Fluorene	--	0.16	0.031 U	0.043	21	0.073
Indeno(1,2,3-cd)pyrene	--	1.7	0.068	3.5	4	0.34
Naphthalene	270	0.18	0.034	0.14	7.1	2.2
Phenanthrene	--	3.6	0.055	0.51	82	1.6
Pyrene	--	5.1	0.18	1.8	37	1.2
PCBs (mg/kg)						
Aroclor 1016	--	0.089 U	0.11 U	0.085 U	0.13 U	0.097 U
Aroclor 1221	--	0.089 U	0.11 U	0.085 U	0.13 U	0.097 U
Aroclor 1232	--	0.089 U	0.11 U	0.085 U	0.13 U	0.097 U
Aroclor 1242	--	0.089 U	0.11 U	0.085 U	0.13 U	0.097 U
Aroclor 1248	--	0.089 U	0.11 U	0.085 U	0.13 U	0.097 U
Aroclor 1254	--	0.18 U	0.22 U	0.17 U	0.25 U	0.19 U
Aroclor 1260	--	0.18 U	0.22 U	0.17 U	0.25 U	0.19 U
Total PCBs	--	0.805 U	0.990 U	0.765 U	1.150 U	0.865 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1.2 UJ	1 UJ	3.6 J	4.6 J
Arsenic	1,200	9.2	16	2.3	14	19
Beryllium	2,100	0.56	0.86	0.5 U	2.5	2.1
Cadmium	2,800	0.55 U	0.58 U	0.5 U	1.4	1.9
Chromium	420	13	20	6.9	220	26
Copper	--	49 J	36 J	10 J	59 J	76 J
Lead	--	96 J	26	28 J	210	1600 J
Mercury	540,000	0.53	0.047	0.43	0.21	1.3
Nickel	21,000	24 J	39	5.2 J	110	16 J
Selenium	--	1.1 U	1.2 U	1 U	1.5 U	1.4
Silver	--	1.1 U	1.2 U	1 U	1.5 U	1.2 U
Thallium	--	1.1 U	1.2 U	1 U	1.5 U	1.2 U
Zinc	--	79	48 J	36	110 J	180
Total Cyanide	--	0.28 U	0.31 U	0.27 U	3.8	0.3 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration		
		SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)				
Acetone	100,000	0.063 UJ	0.039 U	0.26
Benzene	1.6	4.7	0.0079 U	0.016 U
Bromodichloromethane	3,000	0.013 UJ	0.0079 U	0.016 U
Bromoform	100	0.013 UJ	0.0079 U	0.016 U
Bromomethane	15	0.025 UJ	0.016 U	0.032 U
2-Butanone	--	0.031 J	0.016 U	0.14
Carbon Disulfide	720	27	0.0079 U	0.016 U
Carbon Tetrachloride	0.640	0.013 UJ	0.0079 U	0.016 U
Chlorobenzene	210	0.013 UJ	0.0079 U	0.016 U
Chloroethane	--	0.025 UJ	0.016 U	0.032 U
Chloroform	0.54	0.013 UJ	0.0079 U	0.016 U
Chloromethane	--	0.013 UJ	0.0079 U	0.016 U
Dibromochloromethane	1,300	0.013 UJ	0.0079 U	0.016 U
1,1-Dichloroethane	1,700	0.03 J	0.0079 U	0.052
1,2-Dichloroethane	0.7	0.013 UJ	0.0079 U	0.016 U
1,1-Dichloroethene	1,500	0.013 UJ	0.0079 U	0.016 U
cis-1,2-Dichloroethene	1,200	0.013 UJ	0.0079 U	0.016 U
trans-1,2-Dichloroethene	3,100	0.013 UJ	0.0079 U	0.016 U
1,2-Dichloropropane	23	0.013 UJ	0.0079 U	0.016 U
cis-1,3-Dichloropropene	2.1	0.013 UJ	0.0079 U	0.016 U
trans-1,3-Dichloropropene	2.1	0.013 UJ	0.0079 U	0.016 U
Ethylbenzene	400	680	0.0079 U	0.016 U
2-Hexanone	--	0.025 UJ	0.016 U	0.032 U
4-Methyl-2-Pentanone	--	0.025 UJ	0.016 U	0.032 U
Methylene Chloride	24	0.025 UJ	0.016 U	0.032 U
Styrene	1,500	0.77	0.0079 U	0.016 U
1,1,2,2-Tetrachloroethane	--	0.013 UJ	0.0079 U	0.016 U
Tetrachloroethene	20	0.013 UJ	0.0079 U	0.016 U
Toluene	650	11	0.0079 U	0.016 U
1,1,1-Trichloroethane	1,200	0.041 J	0.076	0.016 U
1,1,2-Trichloroethane	1,800	0.013 UJ	0.0079 U	0.016 U
Trichloroethene	8.9	0.013 UJ	0.0079 U	0.016 U
Vinyl Chloride	1.1	0.013 UJ	0.0079 U	0.016 U
m,p-Xylene	320	1800	0.0079 U	0.016
o-Xylene	320	670	0.0079 U	0.016 U

Notes:

- (1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J - Indicates an estimated value.
- (3) Shaded values exceeded Tier 1 screening level.
- (4) -- Toxicity criteria not available for exposure route.
- (5) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration		
		SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)				
Bis(2-chloroethoxy)methane	--	1.2 U	0.4 U	0.47 U
Bis(2-chloroethyl)ether	0.47	1.2 U	0.4 U	0.47 U
Bis(2-ethylhexyl)phthalate	31,000	1.2 U	0.4 U	0.47 U
4-Bromophenyl phenyl ether	--	1.2 U	0.4 U	0.47 U
Butyl benzyl phthalate	930	1.2 U	0.4 U	0.47 U
Carbazole	--	1.2 U	1.4	0.64
4-Chloro-3-methylphenol	--	1.2 U	0.4 U	0.47 U
4-Chloroaniline	--	1.2 U	0.4 U	0.47 U
2-Chloronaphthalene	--	1.2 U	0.4 U	0.47 U
2-Chlorophenol	53,000	1.2 U	0.4 U	0.47 U
4-Chlorophenyl phenyl ether	--	1.2 U	0.4 U	0.47 U
Dibenzofuran	--	1.2 U	0.68	0.7
1,2-Dichlorobenzene	560	1.2 U	0.4 U	0.47 U
1,3-Dichlorobenzene	--	1.2 U	0.4 U	0.47 U
1,4-Dichlorobenzene	17,000	1.2 U	0.4 U	0.47 U
3,3'-Dichlorobenzidine	--	2.4 U	0.79 U	0.95 U
2,4-Dichlorophenol	--	1.2 U	0.4 U	0.47 U
Diethyl phthalate	2,000	1.2 U	0.4 U	0.47 U
Dimethyl phthalate	--	1.2 U	0.4 U	0.47 U
Di-n-butyl phthalate	2,300	1.2 U	0.4 U	0.47 U
2,4-Dimethylphenol	--	1.2 U	0.4 U	0.47 U
4,6-Dinitro-2-methylphenol	--	5.7 U	1.9 U	2.3 U
2,4-Dinitrophenol	--	5.7 U	1.9 U	2.3 U
2,4-Dinitrotoluene	--	0.89 U	0.3 U	0.36 U
2,6-Dinitrotoluene	--	0.89 U	0.3 U	0.36 U
Di-n-octyl phthalate	10,000	1.2 U	0.4 U	0.47 U
Hexachlorobenzene	1.8	1.2 U	0.4 U	0.47 U
Hexachlorobutadiene	--	1.2 U	0.4 U	0.47 U
Hexachlorocyclopentadiene	16	1.2 U	0.4 U	0.47 U
Hexachloroethane	--	1.2 U	0.4 U	0.47 U
Isophorone	4,600	1.2 U	0.4 U	0.47 U
2-Methylnaphthalene	--	17	0.62	0.47 U
2-Methylphenol	--	1.2 U	0.4 U	0.47 U
4-Methylphenol	--	1.2 U	0.4 U	0.47 U
2-Nitroaniline	--	5.7 U	1.9 U	2.3 U
3-Nitroaniline	--	5.7 U	1.9 U	2.3 U
4-Nitroaniline	--	5.7 U	1.9 U	2.3 U
Nitrobenzene	140	1.2 U	0.4 U	0.47 U
2-Nitrophenol	--	5.7 U	1.9 U	2.3 U
4-Nitrophenol	--	5.7 U	1.9 U	2.3 U
N-Nitrosodi-n-propylamine	--	1.2 U	0.4 U	0.47 U
N-Nitrosodiphenylamine	--	1.2 U	0.4 U	0.47 U
2, 2'-oxybis(1-Chloropropane)	--	1.2 U	0.4 U	0.47 U
Pentachlorophenol	--	5.7 U	1.9 U	2.3 U
Phenol	--	1.2 U	0.4 U	0.47 U
1,2,4-Trichlorobenzene	3,200	1.2 U	0.4 U	0.47 U
2,4,5-Trichlorophenol	--	2.4 U	0.79 U	0.95 U
2,4,6-Trichlorophenol	390	1.2 U	0.4 U	0.47 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 6 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Industrial/Commercial Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration		
		SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)				
Acenaphthene	--	0.2	0.31	0.44
Acenaphthylene	--	0.39	0.3	0.28
Anthracene	--	0.23	1.7	2.3
Benzo(a)anthracene	--	1.1	5.6	6.6
Benzo(b)fluoranthene	--	0.27	3.4	4.6
Benzo(k)fluoranthene	--	0.33	2.8	3.2
Benzo(g,h,i)perylene	--	0.2	1.9	2.4
Benzo(a)pyrene	--	0.14	5.6	3.6
Chrysene	--	1.2	4.3	6.5
Dibenzo(a,h)anthracene	--	0.089 U	1.1	1.1
Fluoranthene	--	1.9	7.6	9.9
Fluorene	--	0.46	0.44	0.74
Indeno(1,2,3-cd)pyrene	--	0.21	2.1	2.7
Naphthalene	270	180	0.64	0.54
Phenanthrene	--	2	4.9	5.2
Pyrene	--	2.4	7	9.6
PCBs (mg/kg)				
Aroclor 1016	--	0.099 U	0.096 U	0.11 U
Aroclor 1221	--	0.099 U	0.096 U	0.11 U
Aroclor 1232	--	0.099 U	0.096 U	0.11 U
Aroclor 1242	--	0.099 U	0.096 U	0.11 U
Aroclor 1248	--	0.099 U	0.096 U	0.11 U
Aroclor 1254	--	0.2 U	0.19 U	0.23 U
Aroclor 1260	--	0.2 U	0.19 U	0.23 U
Total PCBs	--	0.895 U	0.860 U	1.010 U
Antimony	--	1.2 UJ	3 J	1.6 J
Arsenic	1,200	7.8	10	15
Beryllium	2,100	0.64	0.97	0.68 U
Cadmium	2,800	0.6 U	0.59 U	0.83
Chromium	420	16	15	19
Copper	--	42 J	45 J	210 J
Lead	--	250	330 J	2200
Mercury	540,000	0.14	1.3	2.2
Nickel	21,000	26	20 J	21
Selenium	--	1.2 U	1.2 U	1.6
Silver	--	1.2 U	1.2 U	1.4 U
Thallium	--	1.2 U	1.2 U	1.4 U
Zinc	--	69 J	150	320 J
Total Cyanide	--	1.8	23	0.36 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 7
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP13-002 10-11	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.029 U	0.046 U	0.042 U	0.068	0.059 U
Benzene	2.2	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromodichloromethane	3,000	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromoform	140	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromomethane	3.9	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
2-Butanone	--	0.012 U	0.018 U	0.017 U	0.034	0.024 U
Carbon Disulfide	9	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Carbon Tetrachloride	0.9	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chlorobenzene	1.3	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chloroethane	--	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Chloroform	0.76	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chloromethane	--	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Dibromochloromethane	1,300	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1-Dichloroethane	130	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,2-Dichloroethane	0.99	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1-Dichloroethene	300	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
cis-1,2-Dichloroethene	1,200	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
trans-1,2-Dichloroethene	3,100	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,2-Dichloropropane	0.5	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
cis-1,3-Dichloropropene	0.39	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
trans-1,3-Dichloropropene	0.39	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Ethylbenzene	58	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
2-Hexanone	--	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
4-Methyl-2-Pentanone	--	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Methylene Chloride	34	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Styrene	430	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Tetrachloroethene	28	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Toluene	42	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,1-Trichloroethane	1,200	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,2-Trichloroethane	1,800	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Trichloroethene	12	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Vinyl Chloride	1.1	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
m,p-Xylene	320	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
o-Xylene	320	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP13-002 10-11	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Bis(2-chloroethyl)ether	0.66	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Bis(2-ethylhexyl)phthalate	31,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Bromophenyl phenyl ether	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Butyl benzyl phthalate	930	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Carbazole	--	0.41	0.39 U	0.38 U	0.45 U	0.42 U
4-Chloro-3-methylphenol	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Chloroaniline	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Chloronaphthalene	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Chlorophenol	53,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Dibenzofuran	--	0.38 U	0.39 U	0.38 U	0.45 U	0.67
1,2-Dichlorobenzene	310	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,3-Dichlorobenzene	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,4-Dichlorobenzene	340	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
3,3'-Dichlorobenzidine	--	0.76 U	0.78 U	0.76 U	0.9 U	0.84 U
2,4-Dichlorophenol	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Diethyl phthalate	2,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Dimethyl phthalate	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Di-n-butyl phthalate	2,300	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,4-Dimethylphenol	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
2,4-Dinitrophenol	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
2,4-Dinitrotoluene	--	0.29 U	0.3 U	0.29 U	0.34 U	0.32 U
2,6-Dinitrotoluene	--	0.29 U	0.3 U	0.29 U	0.34 U	0.32 U
Di-n-octyl phthalate	10,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorobenzene	2.6	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorobutadiene	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorocyclopentadiene	1.1	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachloroethane	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Isophorone	4,600	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Methylnaphthalene	--	0.38 U	0.39 U	1.2	0.45 U	2.3
2-Methylphenol	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Methylphenol	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Nitroaniline	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
3-Nitroaniline	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
4-Nitroaniline	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
Nitrobenzene	9.4	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Nitrophenol	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
4-Nitrophenol	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
N-Nitrosodi-n-propylamine	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
N-Nitrosodiphenylamine	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,2'-oxybis(1-Chloropropane)	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Pentachlorophenol	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
Phenol	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,2,4-Trichlorobenzene	920	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,4,5-Trichlorophenol	--	0.76 U	0.78 U	0.76 U	0.9 U	0.84 U
2,4,6-Trichlorophenol	540	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP13-002 10-11	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.22	0.03 U	0.031	0.034 U	0.044
Acenaphthylene	--	0.041	0.03 U	0.029 U	0.034 U	0.14
Anthracene	--	1.5	0.03 U	0.17	0.034 U	2
Benzo(a)anthracene	--	1.3	0.03 U	0.49	0.082	0.71
Benzo(b)fluoranthene	--	1.3	0.03 U	0.37	0.1	0.79
Benzo(k)fluoranthene	--	0.92	0.03 U	0.42	0.081	0.57
Benzo(g,h,i)perylene	--	0.72	0.03 U	0.096	0.04	0.43
Benzo(a)pyrene	--	1.3	0.03 U	0.42	0.096	0.7
Chrysene	--	1.4	0.03 U	0.52	0.088	0.83
Dibenz(a,h)anthracene	--	0.16	0.03 U	0.045	0.034 U	0.14
Fluoranthene	--	2.5	0.061	0.84	0.07	1.1
Fluorene	--	0.15	0.03 U	0.036	0.034 U	0.066
Indeno(1,2,3-cd)pyrene	--	0.7	0.03 U	0.096	0.04	0.42
Naphthalene	1.8	0.074	0.03 U	0.56	0.034 U	0.74
Phenanthrene	--	1.4	0.03 U	0.77	0.11	1.9
Pyrene	--	2.3	0.08	0.88	0.13	1.2
PCBs (mg/kg)						
Aroclor 1016	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1221	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1232	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1242	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1248	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1254	--	0.18 U	0.19 U	0.18 U	0.21 U	0.21 U
Aroclor 1260	--	0.18 U	0.19 U	0.18 U	0.21 U	0.21 U
Total PCBs	--	0.815 U	0.860 U	0.810 U	0.970 U	0.970 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1.2 UJ	1.2 J	1.3 UJ	2.5 J
Arsenic	25,000	8.7	7.4	8.1	12	23
Beryllium	44,000	0.94	0.6 U	0.81	0.91	2.2
Cadmium	59,000	0.62	0.6 U	0.65	0.66 U	4.1
Chromium	690	16	13	14	18	17
Copper	--	31 J	17 J	29 J	35 J	84 J
Lead	--	110 J	15	94 J	83	360
Mercury	52,000	0.41	0.034	0.16	0.19	1.2
Nickel	440,000	22 J	20	20 J	26	23
Selenium	--	1.1 U	1.2 U	1.2 U	1.3 U	1.4
Silver	--	1.1 U	1.2 U	1.2 U	1.3 U	1.3 U
Thallium	--	1.4	1.3	1.3	1.8	1.5
Zinc	--	120	35 J	110	91 J	1400 J
Total Cyanide	--	0.29 U	0.31 U	0.29 U	0.34 U	0.34 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.16 J	0.047 U	0.057 U	0.1	0.057 U
Benzene	2.2	0.03 J	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromodichloromethane	3,000	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromoform	140	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromomethane	3.9	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
2-Butanone	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Carbon Disulfide	9	0.03 J	0.0094 U	0.011 U	0.0088 U	0.011 U
Carbon Tetrachloride	0.9	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chlorobenzene	1.3	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chloroethane	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Chloroform	0.76	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chloromethane	--	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Dibromochloromethane	1,300	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1-Dichloroethane	130	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,2-Dichloroethane	0.99	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1-Dichloroethene	300	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
cis-1,2-Dichloroethene	1,200	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
trans-1,2-Dichloroethene	3,100	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,2-Dichloropropane	0.5	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
cis-1,3-Dichloropropene	0.39	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
trans-1,3-Dichloropropene	0.39	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Ethylbenzene	58	4.7	0.0094 U	0.011 U	0.0088 U	0.011 U
2-Hexanone	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
4-Methyl-2-Pentanone	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Methylene Chloride	34	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Styrene	430	0.036 J	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,2,2-Tetrachloroethane	--	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Tetrachloroethene	28	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Toluene	42	0.019 J	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,1-Trichloroethane	1,200	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,2-Trichloroethane	1,800	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Trichloroethene	12	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Vinyl Chloride	1.1	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
m,p-Xylene	320	0.12 J	0.0094 U	0.011 U	0.0088 U	0.011 U
o-Xylene	320	2	0.0094 U	0.011 U	0.0088 U	0.011 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether	0.66	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Bromophenyl phenyl ether	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Butyl benzyl phthalate	930	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Carbazole	--	0.4 U	0.4 U	1	0.39 U	4.8
4-Chloro-3-methylphenol	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Chloroaniline	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Chloronaphthalene	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Chlorophenol	53,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Dibenzofuran	--	0.4 U	0.4 U	0.4	0.39 U	2.3
1,2-Dichlorobenzene	310	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,3-Dichlorobenzene	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,4-Dichlorobenzene	340	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
3,3'-Dichlorobenzidine	--	0.8 U	0.8 U	0.76 U	0.79 U	0.77 U
2,4-Dichlorophenol	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Diethyl phthalate	2,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Dimethyl phthalate	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Di-n-butyl phthalate	2,300	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2,4-Dimethylphenol	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrophenol	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrotoluene	--	0.3 U	0.3 U	0.29 U	0.3 U	0.29 U
2,6-Dinitrotoluene	--	0.3 U	0.3 U	0.29 U	0.3 U	0.29 U
Di-n-octyl phthalate	10,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorobenzene	2.6	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorobutadiene	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	1.1	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachloroethane	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Isophorone	4,600	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Methylnaphthalene	--	0.4 U	0.4 U	0.51	0.39 U	0.99
2-Methylphenol	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Methylphenol	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Nitroaniline	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Nitrobenzene	9.4	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Nitrophenol	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2,2'-oxybis(1-Chloropropane)	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Pentachlorophenol	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Phenol	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	920	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	--	0.8 U	0.8 U	0.76 U	0.79 U	0.77 U
2,4,6-Trichlorophenol	540	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.03 U	0.12	0.61	0.03 U	2.2
Acenaphthylene	--	0.03 U	0.03 U	1.4	0.03 U	0.32
Anthracene	--	0.03 U	0.27	2.1	0.03 U	7.4
Benzo(a)anthracene	--	0.03 U	0.59	4.9	0.03 U	9.1
Benzo(b)fluoranthene	--	0.03 U	0.29	3.7	0.03 U	7.5
Benzo(k)fluoranthene	--	0.03 U	0.25	3.2	0.03 U	5.8
Benzo(g,h,i)perylene	--	0.03 U	0.13	1.8	0.03 U	3.4
Benzo(a)pyrene	--	0.03 U	0.31	4.9	0.03 U	7.5
Chrysene	--	0.03 U	0.6	5	0.03 U	8.8
Dibenz(a,h)anthracene	--	0.03 U	0.054	0.71	0.03 U	1.4
Fluoranthene	--	0.03 U	1.3	9.5	0.03 U	23
Fluorene	--	0.03 U	0.13	0.86	0.03 U	3
Indeno(1,2,3-cd)pyrene	--	0.03 U	0.13	1.8	0.03 U	3.4
Naphthalene	1.8	3.7	0.03 U	0.55	0.03 U	1
Phenanthrene	--	0.03 U	1.1	5.9	0.03 U	22
Pyrene	--	0.03 U	1.2	10	0.03 U	19
PCBs (mg/kg)						
Aroclor 1016	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1221	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1232	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1242	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1248	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1254	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Total PCBs	--	0.860 U	0.860 U	0.845 U	0.855 U	0.850 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.2 UJ	1.2 UJ	1.4 J	1.1 UJ	1.1 UJ
Arsenic	25,000	15	9.9	16	12	8.8
Beryllium	44,000	0.96	0.92	0.65	0.82	1
Cadmium	59,000	0.61 U	0.6 U	1.5	0.57 U	0.61
Chromium	690	21	24	17	20	20
Copper	--	49 J	29 J	82 J	31 J	63 J
Lead	--	26	37 J	870 J	20	120 J
Mercury	52,000	0.033	0.079	1.6	0.037	0.4
Nickel	440,000	46	33 J	22 J	38	27 J
Selenium	--	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Silver	--	1.2 U	1.2 U	1.9	1.1 U	1.1 U
Thallium	--	1.5	1.5	1.2	1.4	1.4
Zinc	--	52 J	56	320	97 J	110
Total Cyanide	--	0.3 U	0.3 U	0.29 U	0.3 U	0.3 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.23	0.049 U	0.22	0.09	0.041 U
Benzene	2.2	0.019 U	0.0098 U	0.33	0.0073 U	0.0081 U
Bromodichloromethane	3,000	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Bromoform	140	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Bromomethane	3.9	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
2-Butanone	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Carbon Disulfide	9	0.019 U	0.0098 U	7.4	0.0073 U	0.0081 U
Carbon Tetrachloride	0.9	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chlorobenzene	1.3	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chloroethane	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Chloroform	0.76	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chloromethane	--	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Dibromochloromethane	1,300	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1-Dichloroethane	130	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,2-Dichloroethane	0.99	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1-Dichloroethene	300	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
cis-1,2-Dichloroethene	1,200	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
trans-1,2-Dichloroethene	3,100	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,2-Dichloropropane	0.5	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
cis-1,3-Dichloropropene	0.39	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
trans-1,3-Dichloropropene	0.39	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Ethylbenzene	58	0.019 U	0.0098 U	0.18	0.0073 U	0.0081 U
2-Hexanone	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
4-Methyl-2-Pentanone	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Methylene Chloride	34	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Styrene	430	0.019 U	0.0098 U	0.61	0.0073 U	0.0081 U
1,1,2,2-Tetrachloroethane	--	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Tetrachloroethene	28	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Toluene	42	0.019 U	0.0098 U	0.46	0.0073 U	0.0081 U
1,1,1-Trichloroethane	1,200	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1,2-Trichloroethane	1,800	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Trichloroethene	12	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Vinyl Chloride	1.1	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
m,p-Xylene	320	0.019 U	0.0098 U	0.81	0.0073 U	0.0081 U
o-Xylene	320	0.019 U	0.0098 U	0.16	0.0073 U	0.0081 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Bis(2-chloroethyl)ether	0.66	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Bromophenyl phenyl ether	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Butyl benzyl phthalate	930	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Carbazole	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chloro-3-methylphenol	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chloroaniline	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Chloronaphthalene	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Chlorophenol	53,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Dibenzofuran	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,2-Dichlorobenzene	310	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,3-Dichlorobenzene	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,4-Dichlorobenzene	340	0.4 U	0.38 U	11 U	0.4 U	0.38 U
3,3'-Dichlorobenzidine	--	0.8 U	0.77 U	21 U	0.8 U	0.76 U
2,4-Dichlorophenol	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Diethyl phthalate	2,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Dimethyl phthalate	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Di-n-butyl phthalate	2,300	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2,4-Dimethylphenol	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
2,4-Dinitrophenol	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
2,4-Dinitrotoluene	--	0.3 U	0.29 U	8 U	0.3 U	0.29 U
2,6-Dinitrotoluene	--	0.3 U	0.29 U	8 U	0.3 U	0.29 U
Di-n-octyl phthalate	10,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorobenzene	2.6	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorobutadiene	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorocyclopentadiene	1.1	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachloroethane	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Isophorone	4,600	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Methylnaphthalene	--	0.4 U	0.38 U	14	0.4 U	0.38 U
2-Methylphenol	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Methylphenol	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Nitroaniline	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
3-Nitroaniline	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
4-Nitroaniline	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
Nitrobenzene	9.4	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Nitrophenol	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
4-Nitrophenol	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
N-Nitrosodiphenylamine	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2,2'-oxybis(1-Chloropropane)	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Pentachlorophenol	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
Phenol	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,2,4-Trichlorobenzene	920	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2,4,5-Trichlorophenol	--	0.8 U	0.77 U	21 U	0.8 U	0.76 U
2,4,6-Trichlorophenol	540	0.4 U	0.38 U	11 U	0.4 U	0.38 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.03 U	0.029 U	0.94	0.031 U	0.029 U
Acenaphthylene	--	0.048	0.029 U	4.8	0.031 U	0.029 U
Anthracene	--	0.078	0.037	1.3	0.031 U	0.031
Benzo(a)anthracene	--	0.36	0.12	5.1	0.031 U	0.17
Benzo(b)fluoranthene	--	0.21	0.13	1.4	0.031 U	0.099
Benzo(k)fluoranthene	--	0.23	0.11	1.8	0.031 U	0.079
Benzo(g,h,i)perylene	--	0.17	0.072	0.8 U	0.031 U	0.036
Benzo(a)pyrene	--	0.31	0.13	0.84	0.031 U	0.085
Chrysene	--	0.38	0.13	6.6	0.031 U	0.17
Dibeno(a,h)anthracene	--	0.058	0.029 U	0.8 U	0.031 U	0.029 U
Fluoranthene	--	0.75	0.21	10	0.031 U	0.27
Fluorene	--	0.03 U	0.029 U	1.4	0.031 U	0.029 U
Indeno(1,2,3-cd)pyrene	--	0.17	0.064	0.8 U	0.031 U	0.038
Naphthalene	1.8	0.03 U	0.029 U	73	0.057	0.029 U
Phenanthrene	--	0.13	0.087	8.8	0.031 U	0.085
Pyrene	--	0.96	0.24	16	0.031 U	0.28
PCBs (mg/kg)						
Aroclor 1016	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1221	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1232	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1242	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1248	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1254	--	0.19 U	0.19 U	2 U	0.19 U	0.18 U
Aroclor 1260	--	0.19 U	0.19 U	2 U	0.19 U	0.18 U
Total PCBs	--	0.865 U	0.850 U	9 U	0.865 U	0.815 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.2 UJ	1.1 UJ	1.8 J	1.2 UJ	1.1 UJ
Arsenic	25,000	9.4	11	21	5.4	2.8
Beryllium	44,000	0.8	0.7	0.65 U	0.59 U	0.55 U
Cadmium	59,000	0.61 U	0.55 U	0.65 U	0.59 U	0.55 U
Chromium	690	20	23	7.2	18	7.5
Copper	--	30 J	23 J	67 J	25 J	8.5 J
Lead	--	21	98 J	140	19	26 J
Mercury	52,000	0.074	0.15	0.52	0.038	0.048
Nickel	440,000	35	26 J	11	23	8.6 J
Selenium	--	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U
Silver	--	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U
Thallium	--	1.6	1.4	1.3 U	1.2 U	1.1 U
Zinc	--	47 J	74	75 J	48 J	53
Total Cyanide	--	0.3 U	1.5	150	0.31 U	0.29 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.043 U	0.052	0.061 U	0.025 U	0.22 J
Benzene	2.2	0.0087 U	0.0085 U	0.012 U	2.6	25
Bromodichloromethane	3,000	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Bromoform	140	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Bromomethane	3.9	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
2-Butanone	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Carbon Disulfide	9	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Carbon Tetrachloride	0.9	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chlorobenzene	1.3	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chloroethane	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Chloroform	0.76	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chloromethane	--	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Dibromochloromethane	1,300	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1-Dichloroethane	130	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,2-Dichloroethane	0.99	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1-Dichloroethene	300	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
cis-1,2-Dichloroethene	1,200	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
trans-1,2-Dichloroethene	3,100	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,2-Dichloropropane	0.5	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
cis-1,3-Dichloropropene	0.39	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
trans-1,3-Dichloropropene	0.39	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Ethylbenzene	58	0.0087 U	0.0085 U	0.012 U	0.0051 U	52
2-Hexanone	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
4-Methyl-2-Pentanone	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Methylene Chloride	34	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Styrene	430	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1,2,2-Tetrachloroethane	--	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Tetrachloroethene	28	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Toluene	42	0.0087 U	0.0085 U	0.012 U	0.0051 U	1.1
1,1,1-Trichloroethane	1,200	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1,2-Trichloroethane	1,800	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Trichloroethene	12	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Vinyl Chloride	1.1	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
m,p-Xylene	320	0.0087 U	0.0085 U	0.012 U	0.0051 U	17
o-Xylene	320	0.0087 U	0.0085 U	0.012 U	0.0051 U	6.6

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Bis(2-chloroethyl)ether	0.66	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Bis(2-ethylhexyl)phthalate	31,000	0.36 U	0.39 U	0.38 U	0.4 U	0.97
4-Bromophenyl phenyl ether	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Butyl benzyl phthalate	930	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Carbazole	--	0.36 U	0.39 U	0.38 U	0.4 U	2.6
4-Chloro-3-methylphenol	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Chloroaniline	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Chloronaphthalene	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Chlorophenol	53,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Chlorophenyl phenyl ether	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Dibenzofuran	--	0.36 U	0.39 U	0.38 U	0.4 U	2.5
1,2-Dichlorobenzene	310	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,3-Dichlorobenzene	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,4-Dichlorobenzene	340	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
3,3'-Dichlorobenzidine	--	0.73 U	0.78 U	0.77 U	0.8 U	1.2 U
2,4-Dichlorophenol	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Diethyl phthalate	2,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Dimethyl phthalate	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Di-n-butyl phthalate	2,300	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2,4-Dimethylphenol	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
2,4-Dinitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
2,4-Dinitrotoluene	--	0.27 U	0.29 U	0.29 U	0.3 U	0.44 U
2,6-Dinitrotoluene	--	0.27 U	0.29 U	0.29 U	0.3 U	0.44 U
Di-n-octyl phthalate	10,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorobenzene	2.6	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorobutadiene	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorocyclopentadiene	1.1	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachloroethane	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Isophorone	4,600	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Methylnaphthalene	--	0.36 U	0.39 U	0.38 U	0.4 U	106
2-Methylphenol	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Methylphenol	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
3-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
4-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
Nitrobenzene	9.4	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Nitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
4-Nitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
N-Nitrosodi-n-propylamine	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
N-Nitrosodiphenylamine	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2,2'-oxybis(1-Chloropropane)	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Pentachlorophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
Phenol	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,2,4-Trichlorobenzene	920	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2,4,5-Trichlorophenol	--	0.73 U	0.78 U	0.77 U	0.8 U	1.2 U
2,4,6-Trichlorophenol	540	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.027 U	0.029 U	0.029 U	0.069	2.6
Acenaphthylene	--	0.04	0.029 U	0.029 U	0.03 U	2.7
Anthracene	--	0.039	0.029 U	0.035	0.17	5.1
Benzo(a)anthracene	--	0.17	0.029 U	0.19	0.33	3.6
Benzo(b)fluoranthene	--	0.11	0.029 U	0.043	0.11	1.5
Benzo(k)fluoranthene	--	0.083	0.029 U	0.03	0.14	1.7
Benzo(g,h,i)perylene	--	0.052	0.029 U	0.039	0.085	0.48
Benzo(a)pyrene	--	0.1	0.029 U	0.051	0.13	2.3
Chrysene	--	0.17	0.029 U	0.23	0.32	3.8
Dibeno(a,h)anthracene	--	0.027 U	0.029 U	0.029 U	0.034	0.26
Fluoranthene	--	0.26	0.029 U	0.11	1	8.5
Fluorene	--	0.027 U	0.029 U	0.029 U	0.081	7.3
Indeno(1,2,3-cd)pyrene	--	0.051	0.029 U	0.029 U	0.091	0.46
Naphthalene	1.8	0.029	0.043	0.034	0.096	170
Phenanthrene	--	0.11	0.032	0.054	0.65	18
Pyrene	--	0.29	0.036	0.25	0.95	9.5
PCBs (mg/kg)						
Aroclor 1016	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1221	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1232	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1242	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1248	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1254	--	0.18 U	0.19 U	0.18 U	0.19 U	0.27 U
Aroclor 1260	--	0.18 U	0.19 U	0.18 U	0.19 U	0.27 U
Total PCBs	--	0.800 U	0.850 U	0.820 U	0.865 U	1,240 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	13 J
Arsenic	25,000	4.7	7	5.9	4.1	14
Beryllium	44,000	0.54 U	0.57 U	0.55 U	0.59 U	0.83 U
Cadmium	59,000	0.54 U	0.57 U	0.55 U	0.59 U	2.4
Chromium	690	9.7	17	23	17	170
Copper	--	12 J	25 J	26 J	17 J	140 J
Lead	--	25 J	23	26 J	54	2200
Mercury	52,000	0.15	0.028 U	0.23	0.13	0.82
Nickel	440,000	16 J	32	30 J	15	77
Selenium	--	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Silver	--	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Thallium	--	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Zinc	--	39	41 J	53	62 J	740 J
Total Cyanide	--	0.28 U	0.3 U	0.29 U	0.31 U	6.3

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.047 U	0.35	0.057 U	0.04	0.026 UJ
Benzene	2.2	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromodichloromethane	3,000	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromoform	140	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromomethane	3.9	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
2-Butanone	--	0.019 U	0.17	0.023 U	0.014 U	0.01 UJ
Carbon Disulfide	9	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Carbon Tetrachloride	0.9	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chlorobenzene	1.3	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chloroethane	--	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Chloroform	0.76	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chloromethane	--	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Dibromochloromethane	1,300	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1-Dichloroethane	130	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,2-Dichloroethane	0.99	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1-Dichloroethene	300	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
cis-1,2-Dichloroethene	1,200	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
trans-1,2-Dichloroethene	3,100	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,2-Dichloropropane	0.5	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
cis-1,3-Dichloropropene	0.39	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
trans-1,3-Dichloropropene	0.39	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Ethylbenzene	58	0.0095 U	0.021	0.011 U	0.0072 U	0.0052 UJ
2-Hexanone	--	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
4-Methyl-2-Pentanone	--	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Methylene Chloride	34	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Styrene	430	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,2,2-Tetrachloroethane	--	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Tetrachloroethene	28	0.015	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Toluene	42	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,1-Trichloroethane	1,200	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,2-Trichloroethane	1,800	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Trichloroethene	12	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Vinyl Chloride	1.1	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
m,p-Xylene	320	0.0095 U	0.023	0.011 U	0.0072 U	0.0052 UJ
o-Xylene	320	0.0095 U	0.031	0.011 U	0.0072 U	0.0052 UJ

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether	0.66	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Bromophenyl phenyl ether	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Butyl benzyl phthalate	930	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Carbazole	--	0.39 U	0.45 U	1.9	0.39 U	0.39 U
4-Chloro-3-methylphenol	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Chloroaniline	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Chloronaphthalene	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Chlorophenol	53,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Dibenzofuran	--	0.39 U	0.45 U	1.7	0.39 U	0.39 U
1,2-Dichlorobenzene	310	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,3-Dichlorobenzene	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,4-Dichlorobenzene	340	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
3,3'-Dichlorobenzidine	--	0.78 U	0.89 U	0.77 U	0.77 U	0.78 U
2,4-Dichlorophenol	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Diethyl phthalate	2,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Dimethyl phthalate	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Di-n-butyl phthalate	2,300	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2,4-Dimethylphenol	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	--	0.29 U	0.34 U	0.29 U	0.29 U	0.29 U
2,6-Dinitrotoluene	--	0.29 U	0.34 U	0.29 U	0.29 U	0.29 U
Di-n-octyl phthalate	10,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorobenzene	2.6	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorobutadiene	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	1.1	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachloroethane	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Isophorone	4,600	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Methylnaphthalene	--	0.39 U	0.45 U	0.64	0.39 U	0.39 U
2-Methylphenol	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Methylphenol	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Nitroaniline	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	9.4	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Nitrophenol	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2,2'-oxybis(1-Chloropropane)	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Pentachlorophenol	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
Phenol	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	920	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	--	0.78 U	0.89 U	0.77 U	0.77 U	0.78 U
2,4,6-Trichlorophenol	540	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.029 U	0.059	1	0.029 U	0.029 U
Acenaphthylene	--	0.05	0.095	0.28	0.029 U	0.029 U
Anthracene	--	0.067	0.27	5.1	0.029 U	0.075
Benzo(a)anthracene	--	0.3	0.39	8.1	0.029 U	0.46
Benzo(b)fluoranthene	--	0.21	0.3	6.9	0.029 U	0.35
Benzo(k)fluoranthene	--	0.22	0.24	4.9	0.029 U	0.42
Benzo(g,h,i)perylene	--	0.17	0.087	2	0.029 U	0.39
Benzo(a)pyrene	--	0.33	0.25	6.3	0.029 U	0.39
Chrysene	--	0.29	0.44	8.5	0.029 U	0.45
Dibenz(a,h)anthracene	--	0.057	0.039	0.75	0.029 U	0.076
Fluoranthene	--	0.76	0.84	23	0.03	0.85
Fluorene	--	0.029 U	0.15	1.3	0.029 U	0.029 U
Indeno(1,2,3-cd)pyrene	--	0.16	0.1	2.1	0.029 U	0.19
Naphthalene	1.8	0.029 U	0.41	0.33	0.029 U	0.032
Phenanthrene	--	0.19	0.65	10	0.069	0.36
Pyrene	--	0.8	0.76	19	0.034	0.81
PCBs (mg/kg)						
Aroclor 1016	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1221	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1232	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1242	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1248	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1254	--	0.18 U	0.21 U	0.19 U	0.19 U	0.19
Aroclor 1260	--	0.18 U	0.21 U	0.19 U	0.19 U	0.18 U
Total PCBs	--	0.820 U	0.970 U	0.855 U	0.850 U	0.815
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.1 UJ	1.3 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	25,000	17	5.5	7.3	7.5	9.1
Beryllium	44,000	0.71	0.65 U	0.66	0.56 U	0.55 U
Cadmium	59,000	0.57 U	0.65 U	0.57 U	0.56 U	1.1
Chromium	690	20	15	15	17	14
Copper	--	32 J	29 J	46 J	26 J	37 J
Lead	--	27 J	65	230 J	19	110 J
Mercury	52,000	0.19	0.26	1.2	0.029 U	0.33
Nickel	440,000	40 J	18	21 J	27	17 J
Selenium	--	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U
Silver	--	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U
Thallium	--	1.2	1.3 U	1.1 U	1.2	1.1 U
Zinc	--	50	90 J	120	41 J	220
Total Cyanide	--	0.3 U	0.8	0.3 U	0.3 U	0.29 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.034 U	0.05 U	0.055 U	0.04 U	0.049 U
Benzene	2.2	0.0068 U	0.01 U	0.011 U	0.0079 U	0.91
Bromodichloromethane	3,000	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Bromoform	140	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Bromomethane	3.9	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
2-Butanone	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Carbon Disulfide	9	0.0068 U	0.01 U	0.011 U	0.0079 U	0.011
Carbon Tetrachloride	0.9	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chlorobenzene	1.3	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chloroethane	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Chloroform	0.76	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chloromethane	--	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Dibromochloromethane	1,300	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1-Dichloroethane	130	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,2-Dichloroethane	0.99	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1-Dichloroethene	300	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
cis-1,2-Dichloroethene	1,200	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
trans-1,2-Dichloroethene	3,100	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,2-Dichloropropane	0.5	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
cis-1,3-Dichloropropene	0.39	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
trans-1,3-Dichloropropene	0.39	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Ethylbenzene	58	0.0068 U	0.01 U	0.011 U	0.0079 U	1.5
2-Hexanone	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
4-Methyl-2-Pentanone	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Methylene Chloride	34	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Styrene	430	0.0068 U	0.01 U	0.011 U	0.0079 U	0.01
1,1,2,2-Tetrachloroethane	--	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Tetrachloroethene	28	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Toluene	42	0.0068 U	0.01 U	0.011 U	0.0079 U	0.017
1,1,1-Trichloroethane	1,200	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1,2-Trichloroethane	1,800	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Trichloroethene	12	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Vinyl Chloride	1.1	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
m,p-Xylene	320	0.0068 U	0.01 U	0.011 U	0.0079 U	0.019
o-Xylene	320	0.0068 U	0.01 U	0.011 U	0.0079 U	0.52

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Bis(2-chloroethyl)ether	0.66	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Bis(2-ethylhexyl)phthalate	31,000	2.9	0.4 U	0.39 U	0.4 U	0.44 U
4-Bromophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Butyl benzyl phthalate	930	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Carbazole	--	0.5	0.4 U	0.39 U	0.4 U	0.44 U
4-Chloro-3-methylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Chloroaniline	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Chloronaphthalene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Chlorophenol	53,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Dibenzofuran	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,2-Dichlorobenzene	310	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,3-Dichlorobenzene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,4-Dichlorobenzene	340	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
3,3'-Dichlorobenzidine	--	0.78 U	0.79 U	0.78 U	0.81 U	0.89 U
2,4-Dichlorophenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Diethyl phthalate	2,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Dimethyl phthalate	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Di-n-butyl phthalate	2,300	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2,4-Dimethylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
2,4-Dinitrophenol	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
2,4-Dinitrotoluene	--	0.3 U	0.3 U	0.3 U	0.31 U	0.34 U
2,6-Dinitrotoluene	--	0.3 U	0.3 U	0.3 U	0.31 U	0.34 U
Di-n-octyl phthalate	10,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorobenzene	2.6	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorobutadiene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorocyclopentadiene	1.1	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachloroethane	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Isophorone	4,600	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Methylnaphthalene	--	0.39 U	1	0.39 U	0.65	0.77
2-Methylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Methylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
3-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
4-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
Nitrobenzene	9.4	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Nitrophenol	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
4-Nitrophenol	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
N-Nitrosodi-n-propylamine	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
N-Nitrosodiphenylamine	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2,2'-oxybis(1-Chloropropane)	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Pentachlorophenol	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
Phenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,2,4-Trichlorobenzene	920	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2,4,5-Trichlorophenol	--	0.78 U	0.79 U	0.78 U	0.81 U	0.89 U
2,4,6-Trichlorophenol	540	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.34	0.1	0.078	0.06	0.089
Acenaphthylene	--	0.11	1.6	0.1	0.11	0.14
Anthracene	--	0.6	0.54	0.071	0.19	0.27
Benzo(a)anthracene	--	4.9	2.4	0.11	0.9	1
Benzo(b)fluoranthene	--	2.8	1.7	0.091	0.66	0.75
Benzo(k)fluoranthene	--	2	1.5	0.079	0.54	0.52
Benzo(g,h,i)perylene	--	1.5	1.3	0.086	0.33	0.43
Benzo(a)pyrene	--	5.2	2.4	0.081	0.72	0.89
Chrysene	--	4.4	2.2	0.25	0.76	0.95
Dibeno(a,h)anthracene	--	0.66	0.8	0.039	0.11	0.14
Fluoranthene	--	7.5	2.7	0.38	1.4	1.7
Fluorene	--	0.35	0.16	0.07	0.13	0.19
Indeno(1,2,3-cd)pyrene	--	1.5	1.1	0.072	0.31	0.4
Naphthalene	1.8	0.17	1.1	0.68	3.8	4
Phenanthrene	--	1.7	2.1	0.34	0.93	1.1
Pyrene	--	10	5	0.42	1.6	1.8
PCBs (mg/kg)						
Aroclor 1016	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1221	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1232	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1242	--	0.29	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1248	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1254	--	0.36	0.19 U	0.19 U	0.19 U	0.22 U
Aroclor 1260	--	0.18 U	0.19 U	0.19 U	0.19 U	0.22 U
Total PCBs	--	1.194	0.865 U	0.855 U	0.845 U	0.990 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1.2 J	1.1 UJ	1.1 UJ	1.6 J	1.4 J
Arsenic	25,000	3.9	6.7	4.4	13	8.9
Beryllium	44,000	0.54 U	0.8	0.56 U	0.87	0.93
Cadmium	59,000	1.1	0.87	0.56 U	0.67	1.2
Chromium	690	16	18	7.3	19	18
Copper	--	56 J	36 J	14 J	77 J	32 J
Lead	--	96	94 J	79	300 J	170
Mercury	52,000	0.33	0.24	0.16	0.95	0.22
Nickel	440,000	17	30 J	7.9	26 J	30
Selenium	--	1.1 U	1.1 U	1.1 U	1.2 U	1.3 U
Silver	--	1.1 U	1.1 U	1.1 U	1.2 U	1.3 U
Thallium	--	1.1 U	1.2	1.1 U	1.2 U	1.3 U
Zinc	--	250 J	250	77 J	250	170 J
Total Cyanide	--	0.3 U	0.3 U	0.3 U	0.85	0.34 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	100,000	0.051 U	0.038 U	0.058 U	0.069 U	0.046 U
Benzene	2.2	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromodichloromethane	3,000	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromoform	140	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromomethane	3.9	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
2-Butanone	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Carbon Disulfide	9	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Carbon Tetrachloride	0.9	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chlorobenzene	1.3	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chloroethane	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Chloroform	0.76	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chloromethane	--	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Dibromochloromethane	1,300	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1-Dichloroethane	130	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,2-Dichloroethane	0.99	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1-Dichloroethene	300	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
cis-1,2-Dichloroethene	1,200	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
trans-1,2-Dichloroethene	3,100	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,2-Dichloropropane	0.5	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
cis-1,3-Dichloropropene	0.39	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
trans-1,3-Dichloropropene	0.39	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Ethylbenzene	58	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
2-Hexanone	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
4-Methyl-2-Pentanone	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Methylene Chloride	34	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Styrene	430	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,2,2-Tetrachloroethane	--	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Tetrachloroethene	28	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Toluene	42	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,1-Trichloroethane	1,200	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,2-Trichloroethane	1,800	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Trichloroethene	12	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Vinyl Chloride	1.1	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
m,p-Xylene	320	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
o-Xylene	320	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Bis(2-chloroethyl)ether	0.66	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Bis(2-ethylhexyl)phthalate	31,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Bromophenyl phenyl ether	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Butyl benzyl phthalate	930	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Carbazole	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chloro-3-methylphenol	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chloroaniline	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Chloronaphthalene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Chlorophenol	53,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chlorophenyl phenyl ether	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Dibenzofuran	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,2-Dichlorobenzene	310	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,3-Dichlorobenzene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,4-Dichlorobenzene	340	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
3,3'-Dichlorobenzidine	--	0.72 U	0.74 U	0.76 U	0.74 U	0.81 U
2,4-Dichlorophenol	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Diethyl phthalate	2,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Dimethyl phthalate	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Di-n-butyl phthalate	2,300	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,4-Dimethylphenol	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4,6-Dinitro-2-methylphenol	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
2,4-Dinitrophenol	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
2,4-Dinitrotoluene	--	0.27 U	0.28 U	0.29 U	0.28 U	0.31 U
2,6-Dinitrotoluene	--	0.27 U	0.28 U	0.29 U	0.28 U	0.31 U
Di-n-octyl phthalate	10,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorobenzene	2.6	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorobutadiene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorocyclopentadiene	1.1	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachloroethane	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Isophorone	4,600	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Methylnaphthalene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Methylphenol	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Methylphenol	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Nitroaniline	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
3-Nitroaniline	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
4-Nitroaniline	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
Nitrobenzene	9.4	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Nitrophenol	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
4-Nitrophenol	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
N-Nitrosodi-n-propylamine	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
N-Nitrosodiphenylamine	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,2'-oxybis(1-Chloropropane)	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Pentachlorophenol	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
Phenol	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,2,4-Trichlorobenzene	920	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,4,5-Trichlorophenol	--	0.72 U	0.74 U	0.76 U	0.74 U	0.81 U
2,4,6-Trichlorophenol	540	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	--	0.027 U	0.028 U	0.029 U	0.12	0.031 U
Acenaphthylene	--	0.027 U	0.028 U	0.029 U	0.21	0.031 U
Anthracene	--	0.13	0.028 U	0.029 U	0.95	0.031 U
Benzo(a)anthracene	--	0.4	0.028 U	0.029 U	2.6	0.1
Benzo(b)fluoranthene	--	0.34	0.028 U	0.029 U	1.9	0.093
Benzo(k)fluoranthene	--	0.3	0.028 U	0.029 U	2.1	0.086
Benzo(g,h,i)perylene	--	0.083	0.028 U	0.029 U	1.8	0.07
Benzo(a)pyrene	--	0.38	0.028 U	0.029 U	3.2	0.12
Chrysene	--	0.38	0.028 U	0.029 U	2.7	0.099
Dibenz(a,h)anthracene	--	0.034	0.028 U	0.029 U	0.65	0.031 U
Fluoranthene	--	0.76	0.028 U	0.029 U	4.3	0.18
Fluorene	--	0.029	0.028 U	0.029 U	0.16	0.031 U
Indeno(1,2,3-cd)pyrene	--	0.094	0.028 U	0.029 U	1.7	0.068
Naphthalene	1.8	0.027 U	1.1	0.029 U	0.18	0.034
Phenanthrene	--	0.41	0.028 U	0.029 U	3.6	0.055
Pyrene	--	0.68	0.028 U	0.029 U	5.1	0.18
PCBs (mg/kg)						
Aroclor 1016	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1221	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1232	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1242	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1248	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1254	--	0.17 U	0.18 U	0.18 U	0.18 U	0.22 U
Aroclor 1260	--	0.17 U	0.18 U	0.18 U	0.18 U	0.22 U
Total PCBs	--	0.770 U	0.810 U	0.815 U	0.805 U	0.990 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	--	1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ
Arsenic	25,000	3.4	10	6.8	9.2	16
Beryllium	44,000	0.52 U	0.77	0.77	0.56	0.86
Cadmium	59,000	0.52 U	0.56 U	0.57 U	0.55 U	0.58 U
Chromium	690	9.4	20	19	13	20
Copper	--	11 J	24 J	28 J	49 J	36 J
Lead	--	28 J	15	17	96 J	26
Mercury	52,000	0.074	0.029 U	0.029	0.53	0.047
Nickel	440,000	11 J	33	32	24 J	39
Selenium	--	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Silver	--	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Thallium	--	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Zinc	--	32	41 J	43 J	79	48 J
Total Cyanide	--	0.27 U	0.29 U	0.29 U	0.28 U	0.31 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration					
		SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)							
Acetone	100,000	0.052 U	0.068 U	0.084 U	0.063 UJ	0.039 U	0.26
Benzene	2.2	0.01 U	2.8	0.017 U	4.7	0.0079 U	0.016 U
Bromodichloromethane	3,000	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Bromoform	140	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Bromomethane	3.9	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
2-Butanone	--	0.021 U	0.027 U	0.033 U	0.031 J	0.016 U	0.14
Carbon Disulfide	9	0.01 U	0.014 U	0.017 U	27	0.0079 U	0.016 U
Carbon Tetrachloride	0.9	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chlorobenzene	1.3	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chloroethane	--	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Chloroform	0.76	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chloromethane	--	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Dibromochloromethane	1,300	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,1-Dichloroethane	130	0.01 U	0.014 U	0.017 U	0.03 J	0.0079 U	0.052
1,2-Dichloroethane	0.99	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,1-Dichloroethene	300	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
cis-1,2-Dichloroethene	1,200	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
trans-1,2-Dichloroethene	3,100	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,2-Dichloropropane	0.5	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
cis-1,3-Dichloropropene	0.39	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
trans-1,3-Dichloropropene	0.39	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Ethylbenzene	58	0.01 U	1.3	0.017 U	680	0.0079 U	0.016 U
2-Hexanone	--	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
4-Methyl-2-Pentanone	--	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Methylene Chloride	34	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Styrene	430	0.01 U	0.014 U	0.017 U	0.77	0.0079 U	0.016 U
1,1,2,2-Tetrachloroethane	--	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Tetrachloroethene	28	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Toluene	42	0.01 U	0.095	0.017 U	11	0.0079 U	0.016 U
1,1,1-Trichloroethane	1,200	0.01 U	0.014 U	0.64	0.041 J	0.076	0.016 U
1,1,2-Trichloroethane	1,800	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Trichloroethene	12	0.01 U	0.014 U	0.087	0.013 UJ	0.0079 U	0.016 U
Vinyl Chloride	1.1	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
m,p-Xylene	320	0.01 U	0.024	0.017 U	1800	0.0079 U	0.016
o-Xylene	320	0.01 U	0.014 U	0.017 U	670	0.0079 U	0.016 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration					
		SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)							
Bis(2-chloroethoxy)methane	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Bis(2-chloroethyl)ether	0.66	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Bis(2-ethylhexyl)phthalate	31,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Bromophenyl phenyl ether	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Butyl benzyl phthalate	930	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Carbazole	--	0.35 U	25	0.4 U	1.2 U	1.4	0.64
4-Chloro-3-methylphenol	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Chloroaniline	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Chloronaphthalene	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Chlorophenol	53,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Chlorophenyl phenyl ether	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Dibenzofuran	--	0.35 U	20	0.49	1.2 U	0.68	0.7
1,2-Dichlorobenzene	310	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,3-Dichlorobenzene	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,4-Dichlorobenzene	340	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
3,3'-Dichlorobenzidine	--	0.7 U	1 U	0.8 U	2.4 U	0.79 U	0.95 U
2,4-Dichlorophenol	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Diethyl phthalate	2,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Dimethyl phthalate	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Di-n-butyl phthalate	2,300	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2,4-Dimethylphenol	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4,6-Dinitro-2-methylphenol	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
2,4-Dinitrophenol	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
2,4-Dinitrotoluene	--	0.27 U	0.39 U	0.3 U	0.89 U	0.3 U	0.36 U
2,6-Dinitrotoluene	--	0.27 U	0.39 U	0.3 U	0.89 U	0.3 U	0.36 U
Di-n-octyl phthalate	10,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorobenzene	2.6	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorobutadiene	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorocyclopentadiene	1.1	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachloroethane	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Isophorone	4,600	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Methylnaphthalene	--	0.35 U	12	2.8	17	0.62	0.47 U
2-Methylphenol	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Methylphenol	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Nitroaniline	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
3-Nitroaniline	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
4-Nitroaniline	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
Nitrobenzene	9.4	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Nitrophenol	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
4-Nitrophenol	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
N-Nitrosodi-n-propylamine	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
N-Nitrosodiphenylamine	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2,2'-Oxybis(1-Chloropropane)	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Pentachlorophenol	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
Phenol	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,2,4-Trichlorobenzene	920	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2,4,5-Trichlorophenol	--	0.7 U	1 U	0.8 U	2.4 U	0.79 U	0.95 U
2,4,6-Trichlorophenol	540	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 7 (Continued)
 Tier 1 Screening: Soil Inhalation Exposure Route
 Construction Worker
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration					
		SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)							
Acenaphthene	--	0.054	8.2	0.035	0.2	0.31	0.44
Acenaphthylene	--	0.027 U	2.6	0.11	0.39	0.3	0.28
Anthracene	--	0.11	22	0.16	0.23	1.7	2.3
Benzo(a)anthracene	--	2.4	23	0.64	1.1	5.6	6.6
Benzo(b)fluoranthene	--	5.3	11	0.77	0.27	3.4	4.6
Benzo(k)fluoranthene	--	3.7	6.9	0.49	0.33	2.8	3.2
Benzo(g,h,i)perylene	--	4	4.2	0.36	0.2	1.9	2.4
Benzo(a)pyrene	--	4.6	12	0.64	0.14	5.6	3.6
Chrysene	--	3.4	18	0.73	1.2	4.3	6.5
Dibenzo(a,h)anthracene	--	1.5	2.2	0.11	0.089 U	1.1	1.1
Fluoranthene	--	1.6	52	1.2	1.9	7.6	9.9
Fluorene	--	0.043	21	0.073	0.46	0.44	0.74
Indeno(1,2,3-cd)pyrene	--	3.5	4	0.34	0.21	2.1	2.7
Naphthalene	1.8	0.14	7.1	2.2	180	0.64	0.54
Phenanthrene	--	0.51	82	1.6	2	4.9	5.2
Pyrene	--	1.8	37	1.2	2.4	7	9.6
PCBs (mg/kg)							
Aroclor 1016	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1221	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1232	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1242	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1248	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1254	--	0.17 U	0.25 U	0.19 U	0.2 U	0.19 U	0.23 U
Aroclor 1260	--	0.17 U	0.25 U	0.19 U	0.2 U	0.19 U	0.23 U
Total PCBs	--	0.765 U	1.150 U	0.865 U	0.895 U	0.860 U	1.010 U
Priority Pollutant Metals and Total Cyanide (mg/kg)							
Antimony	--	1 UJ	3.6 J	4.6 J	1.2 UJ	3 J	1.6 J
Arsenic	25,000	2.3	14	19	7.8	10	15
Beryllium	44,000	0.5 U	2.5	2.1	0.64	0.97	0.68 U
Cadmium	59,000	0.5 U	1.4	1.9	0.6 U	0.59 U	0.83
Chromium	690	6.9	220	26	16	15	19
Copper	--	10 J	59 J	76 J	42 J	45 J	210 J
Lead	--	28 J	210	1600 J	250	330 J	2200
Mercury	52,000	0.43	0.21	1.3	0.14	1.3	2.2
Nickel	440,000	5.2 J	110	16 J	26	20 J	21
Selenium	--	1 U	1.5 U	1.4	1.2 U	1.2 U	1.6
Silver	--	1 U	1.5 U	1.2 U	1.2 U	1.2 U	1.4 U
Thallium	--	1 U	1.5 U	1.2 U	1.2 U	1.2 U	1.4 U
Zinc	--	36	110 J	180	69 J	150	320 J
Total Cyanide	--	0.27 U	3.8	0.3 U	1.8	23	0.36 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 8
Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP13-002 10-11	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	16	0.029 U	0.046 U	0.042 U	0.068	0.059 U
Benzene	0.17	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromodichloromethane	0.6	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromoform	0.8	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Bromomethane	1.2	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
2-Butanone	--	0.012 U	0.018 U	0.017 U	0.034	0.024 U
Carbon Disulfide	160	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Carbon Tetrachloride	0.33	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chlorobenzene	6.5	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chloroethane	--	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Chloroform	2.9	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Chloromethane	--	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Dibromochloromethane	0.4	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1-Dichloroethane	110	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,2-Dichloroethane	0.1	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1-Dichloroethene	0.3	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
cis-1,2-Dichloroethene	1.1	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
trans-1,2-Dichloroethene	3.4	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,2-Dichloropropane	0.15	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
cis-1,3-Dichloropropene	0.02	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
trans-1,3-Dichloropropene	0.02	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Ethylbenzene	19	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
2-Hexanone	--	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
4-Methyl-2-Pentanone	--	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Methylene Chloride	0.2	0.012 U	0.018 U	0.017 U	0.022 U	0.024 U
Styrene	18	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,2,2-Tetrachloroethane	--	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Tetrachloroethene	0.3	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Toluene	29	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,1-Trichloroethane	9.6	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
1,1,2-Trichloroethane	0.3	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Trichloroethene	0.3	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
Vinyl Chloride	0.07	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
m,p-Xylene	150	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U
o-Xylene	150	0.0059 U	0.0091 U	0.0084 U	0.011 U	0.012 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP13-002 10-11	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Bis(2-chloroethyl)ether	0.0004	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Bis(2-ethylhexyl)phthalate	31,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Bromophenyl phenyl ether	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Butyl benzyl phthalate	930	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Carbazole	2.8	0.41	0.39 U	0.38 U	0.45 U	0.42 U
4-Chloro-3-methylphenol	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Chloroaniline	0.7	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Chloronaphthalene	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Chlorophenol	20	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Chlorophenyl phenyl ether	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Dibenzofuran	--	0.38 U	0.39 U	0.38 U	0.45 U	0.67
1,2-Dichlorobenzene	43	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,3-Dichlorobenzene	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,4-Dichlorobenzene	11	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
3,3'-Dichlorobenzidine	0.033	0.76 U	0.78 U	0.76 U	0.9 U	0.84 U
2,4-Dichlorophenol	1.00	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Diethyl phthalate	470	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Dimethyl phthalate	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Di-n-butyl phthalate	2,300	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,4-Dimethylphenol	9	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
2,4-Dinitrophenol	0.2	1.8 U	1.9 U	1.8 U	2.2 U	2 U
2,4-Dinitrotoluene	0.0008	0.29 U	0.3 U	0.29 U	0.34 U	0.32 U
2,6-Dinitrotoluene	0.0007	0.29 U	0.3 U	0.29 U	0.34 U	0.32 U
Di-n-octyl phthalate	10,000	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorobenzene	11	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorobutadiene	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachlorocyclopentadiene	2,200	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Hexachloroethane	2.6	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Isophorone	8	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Methylnaphthalene	--	0.38 U	0.39 U	1.2	0.45 U	2.3
2-Methylphenol	15	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
4-Methylphenol	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Nitroaniline	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
3-Nitroaniline	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
4-Nitroaniline	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
Nitrobenzene	0.1	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2-Nitrophenol	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
4-Nitrophenol	--	1.8 U	1.9 U	1.8 U	2.2 U	2 U
N-Nitrosodi-n-propylamine	0.00005	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
N-Nitrosodiphenylamine	5.6	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,2'-oxybis(1-Chloropropane)	--	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
Pentachlorophenol	0.14	1.8 U	1.9 U	1.8 U	2.2 U	2 U
Phenol	100	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
1,2,4-Trichlorobenzene	53	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U
2,4,5-Trichlorophenol	1,400	0.76 U	0.78 U	0.76 U	0.9 U	0.84 U
2,4,6-Trichlorophenol	0.77	0.38 U	0.39 U	0.38 U	0.45 U	0.42 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level*	Sample Location and Depth (feet below ground surface)/Concentration				
		SP13-001 2-3	SP13-002 10-11	SP14A-001 2-3	SP14B-001 6.5-7.5	SP16-001 3-4
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	2,900	0.22	0.03 U	0.031	0.034 U	0.044
Acenaphthylene	--	0.041	0.03 U	0.029 U	0.034 U	0.14
Anthracene	59,000	1.5	0.03 U	0.17	0.034 U	2
Benzo(a)anthracene	8	1.3	0.03 U	0.49	0.082	0.71
Benzo(b)fluoranthene	25	1.3	0.03 U	0.37	0.1	0.79
Benzo(k)fluoranthene	250	0.92	0.03 U	0.42	0.081	0.57
Benzo(g,h,i)perylene	--	0.72	0.03 U	0.096	0.04	0.43
Benzo(a)pyrene	82	1.3	0.03 U	0.42	0.096	0.7
Chrysene	800	1.4	0.03 U	0.52	0.088	0.83
Dibenz(a,h)anthracene	7.6	0.16	0.03 U	0.045	0.034 U	0.14
Fluoranthene	21,000	2.5	0.061	0.84	0.07	1.1
Fluorene	2,800	0.15	0.03 U	0.036	0.034 U	0.066
Indeno(1,2,3-cd)pyrene	69	0.7	0.03 U	0.096	0.04	0.42
Naphthalene	18	0.074	0.03 U	0.56	0.034 U	0.74
Phenanthrene	--	1.4	0.03 U	0.77	0.11	1.9
Pyrene	21,000	2.3	0.08	0.88	0.13	1.2
PCBs (mg/kg)						
Aroclor 1016	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1221	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1232	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1242	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1248	--	0.091 U	0.096 U	0.09 U	0.11 U	0.11 U
Aroclor 1254	--	0.18 U	0.19 U	0.18 U	0.21 U	0.21 U
Aroclor 1260	--	0.18 U	0.19 U	0.18 U	0.21 U	0.21 U
Total PCBs	--	0.815 U	0.860 U	0.810 U	0.970 U	0.970 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	20	1.1 UJ	1.2 UJ	1.2 J	1.3 UJ	2.5 J
Arsenic	120	8.7	7.4	8.1	12	23
Beryllium	1,000,000	0.94	0.6 U	0.81	0.91	2.2
Cadmium	4,300	0.62	0.6 U	0.65	0.66 U	4.1
Chromium**	28	16	13	14	18	17
Copper	330,000	31 J	17 J	29 J	35 J	84 J
Lead***	36	110 J	15	94 J	83	360
Mercury	40	0.41	0.034	0.16	0.19	1.2
Nickel	76,000	22 J	20	20 J	26	23
Selenium	2.4	1.1 U	1.2 U	1.2 U	1.3 U	1.4
Silver**	110	1.1 U	1.2 U	1.2 U	1.3 U	1.3 U
Thallium	38	1.4	1.3	1.3	1.8	1.5
Zinc	110,000	120	35 J	110	91 J	1400 J
Total Cyanide	120	0.29 U	0.31 U	0.29 U	0.34 U	0.34 U

Notes:

- (1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J - Indicates an estimated value.
- (3) WT ~ NE - Water Table Not Encountered.
- (4) -- Toxicity criteria not available for exposure route.
- (5) * - Toxicity criteria for metals and cyanide are only applicable to TCLP data, therefore pH-dependent screening levels for Class II groundwater were used.
- (6) ** - pH-dependent screening level was not available for Class II groundwater; therefore, pH-dependent screening level for Class I groundwater was used.
- (7) *** - Metropolitan statistical background value was used because no pH-dependent Tier 1 screening value is available.
- (8) SPLP analysis was conducted on 4 representative samples (SP18-001, SP33-001, SP24-001 and SP34-002) with total lead concentrations ranging from 870 to 2,200 mg/l. All SPLP results ranging from 0.0022 to 0.074 mg/l are below the Tier 1 screening level of 0.1 mg/l. Therefore, lead is not a constituent of concern for the soil migration to groundwater exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	16	0.16 J	0.047 U	0.057 U	0.1	0.057 U
Benzene	0.17	0.03 J	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromodichloromethane	0.6	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromoform	0.8	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Bromomethane	1.2	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
2-Butanone	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Carbon Disulfide	160	0.03 J	0.0094 U	0.011 U	0.0088 U	0.011 U
Carbon Tetrachloride	0.33	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chlorobenzene	6.5	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chloroethane	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Chloroform	2.9	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Chloromethane	--	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Dibromochloromethane	0.4	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1-Dichloroethane	110	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,2-Dichloroethane	0.1	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1-Dichloroethene	0.3	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
cis-1,2-Dichloroethene	1.1	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
trans-1,2-Dichloroethene	3.4	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,2-Dichloropropane	0.15	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
cis-1,3-Dichloropropene	0.02	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
trans-1,3-Dichloropropene	0.02	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Ethylbenzene	19	4.7	0.0094 U	0.011 U	0.0088 U	0.011 U
2-Hexanone	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
4-Methyl-2-Pentanone	--	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Methylene Chloride	0.2	0.028 UJ	0.019 U	0.023 U	0.018 U	0.023 U
Styrene	18	0.036 J	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,2,2-Tetrachloroethane	--	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Tetrachloroethene	0.3	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Toluene	29	0.019 J	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,1-Trichloroethane	9.6	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
1,1,2-Trichloroethane	0.3	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Trichloroethene	0.3	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
Vinyl Chloride	0.07	0.014 UJ	0.0094 U	0.011 U	0.0088 U	0.011 U
m,p-Xylene	150	0.12 J	0.0094 U	0.011 U	0.0088 U	0.011 U
o-Xylene	150	2	0.0094 U	0.011 U	0.0088 U	0.011 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether	0.0004	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Bromophenyl phenyl ether	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Butyl benzyl phthalate	930	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Carbazole	2.8	0.4 U	0.4 U	1	0.39 U	4.8
4-Chloro-3-methylphenol	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Chloroaniline	0.7	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Chloronaphthalene	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Chlorophenol	20	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Dibenzofuran	--	0.4 U	0.4 U	0.4	0.39 U	2.3
1,2-Dichlorobenzene	43	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,3-Dichlorobenzene	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,4-Dichlorobenzene	11	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
3,3'-Dichlorobenzidine	0.033	0.8 U	0.8 U	0.76 U	0.79 U	0.77 U
2,4-Dichlorophenol	1.00	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Diethyl phthalate	470	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Dimethyl phthalate	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Di-n-butyl phthalate	2,300	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2,4-Dimethylphenol	9	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrophenol	0.2	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
2,4-Dinitrotoluene	0.0008	0.3 U	0.3 U	0.29 U	0.3 U	0.29 U
2,6-Dinitrotoluene	0.0007	0.3 U	0.3 U	0.29 U	0.3 U	0.29 U
Di-n-octyl phthalate	10,000	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorobenzene	11	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorobutadiene	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Hexachloroethane	2.6	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Isophorone	8	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Methylnaphthalene	--	0.4 U	0.4 U	0.51	0.39 U	0.99
2-Methylphenol	15	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
4-Methylphenol	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Nitroaniline	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Nitrobenzene	0.1	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2-Nitrophenol	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	0.00005	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	5.6	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2, 2'-oxybis(1-Chloropropane)	--	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
Pentachlorophenol	0.14	1.9 U	1.9 U	1.8 U	1.9 U	1.9 U
Phenol	100	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	53	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	1,400	0.8 U	0.8 U	0.76 U	0.79 U	0.77 U
2,4,6-Trichlorophenol	0.77	0.4 U	0.4 U	0.38 U	0.39 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) Shaded values exceeded Tier 1 screening level.

(3) WT ~ NE - Water Table Not Encountered.

(4) -- Toxicity criteria not available for exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level*	Sample Location and Depth (feet below ground surface)/Concentration				
		SP16-002 7-8	SP17-001 1-2	SP18-001 2-3	SP18-002 8-9	SP19-001 1-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	2,900	0.03 U	0.12	0.61	0.03 U	2.2
Acenaphthylene	--	0.03 U	0.03 U	1.4	0.03 U	0.32
Anthracene	59,000	0.03 U	0.27	2.1	0.03 U	7.4
Benzo(a)anthracene	8	0.03 U	0.59	4.9	0.03 U	9.1
Benzo(b)fluoranthene	25	0.03 U	0.29	3.7	0.03 U	7.5
Benzo(k)fluoranthene	250	0.03 U	0.25	3.2	0.03 U	5.8
Benzo(g,h,i)perylene	--	0.03 U	0.13	1.8	0.03 U	3.4
Benzo(a)pyrene	82	0.03 U	0.31	4.9	0.03 U	7.5
Chrysene	800	0.03 U	0.6	5	0.03 U	8.8
Dibenz(a,h)anthracene	7.6	0.03 U	0.054	0.71	0.03 U	1.4
Fluoranthene	21,000	0.03 U	1.3	9.5	0.03 U	23
Fluorene	2,800	0.03 U	0.13	0.86	0.03 U	3
Indeno(1,2,3-cd)pyrene	69	0.03 U	0.13	1.8	0.03 U	3.4
Naphthalene	18	3.7	0.03 U	0.55	0.03 U	1
Phenanthrene	--	0.03 U	1.1	5.9	0.03 U	22
Pyrene	21,000	0.03 U	1.2	10	0.03 U	19
PCBs (mg/kg)						
Aroclor 1016	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1221	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1232	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1242	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1248	--	0.096 U	0.096 U	0.093 U	0.095 U	0.094 U
Aroclor 1254	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Aroclor 1260	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Total PCBs	--	0.860 U	0.860 U	0.845 U	0.855 U	0.850 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	20	1.2 UJ	1.2 UJ	1.4 J	1.1 UJ	1.1 UJ
Arsenic	120	15	9.9	16	12	8.8
Beryllium	1,000,000	0.96	0.92	0.65	0.82	1
Cadmium	4,300	0.61 U	0.6 U	1.5	0.57 U	0.61
Chromium**	28	21	24	17	20	20
Copper	330,000	49 J	29 J	82 J	31 J	63 J
Lead***	36	26	37 J	870 J	20	120 J
Mercury	40	0.033	0.079	1.6	0.037	0.4
Nickel	76,000	46	33 J	22 J	38	27 J
Selenium	2.4	1.2 U	1.2 U	1.1 U	1.1 U	1.1 U
Silver**	110	1.2 U	1.2 U	1.9	1.1 U	1.1 U
Thallium	38	1.5	1.5	1.2	1.4	1.4
Zinc	110,000	52 J	56	320	97 J	110
Total Cyanide	120	0.3 U	0.3 U	0.29 U	0.3 U	0.3 U

Notes:

- (1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J - Indicates an estimated value.
- (3) WT ~ NE - Water Table Not Encountered.
- (4) Shaded values exceeded Tier 1 screening level.
- (5) -- Toxicity criteria not available for exposure route.
- (6) * - Toxicity criteria for metals and cyanide are only applicable to TCLP data, therefore pH-dependent screening levels for Class II groundwater were used.
- (7) ** - pH-dependent screening level was not available for Class II groundwater; therefore, pH-dependent screening level for Class I groundwater was used.
- (8) *** - Metropolitan statistical background value was used because no pH-dependent Tier 1 screening value is available.
- (9) SPLP analysis was conducted on 4 representative samples (SP18-001, SP33-001, SP24-001 and SP34-002) with total lead concentrations ranging from 870 to 2,200 mg/l. All SPLP results ranging from 0.0022 to 0.074 mg/l are below the Tier 1 screening level of 0.1 mg/l. Therefore, lead is not a constituent of concern for the soil migration to groundwater exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	16	0.23	0.049 U	0.22	0.09	0.041 U
Benzene	0.17	0.019 U	0.0098 U	0.33	0.0073 U	0.0081 U
Bromodichloromethane	0.6	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Bromoform	0.8	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Bromomethane	1.2	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
2-Butanone	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Carbon Disulfide	160	0.019 U	0.0098 U	7.4	0.0073 U	0.0081 U
Carbon Tetrachloride	0.33	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chlorobenzene	6.5	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chloroethane	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Chloroform	2.9	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Chloromethane	--	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Dibromochloromethane	0.4	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1-Dichloroethane	110	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,2-Dichloroethane	0.1	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1-Dichloroethene	0.3	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
cis-1,2-Dichloroethene	1.1	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
trans-1,2-Dichloroethene	3.4	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,2-Dichloropropane	0.15	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
cis-1,3-Dichloropropene	0.02	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
trans-1,3-Dichloropropene	0.02	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Ethylbenzene	19	0.019 U	0.0098 U	0.18	0.0073 U	0.0081 U
2-Hexanone	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
4-Methyl-2-Pentanone	--	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Methylene Chloride	0.2	0.038 U	0.02 U	0.055 U	0.015 U	0.016 U
Styrene	18	0.019 U	0.0098 U	0.61	0.0073 U	0.0081 U
1,1,2,2-Tetrachloroethane	--	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Tetrachloroethene	0.3	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Toluene	29	0.019 U	0.0098 U	0.46	0.0073 U	0.0081 U
1,1,1-Trichloroethane	9.6	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
1,1,2-Trichloroethane	0.3	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Trichloroethene	0.3	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
Vinyl Chloride	0.07	0.019 U	0.0098 U	0.028 U	0.0073 U	0.0081 U
m,p-Xylene	150	0.019 U	0.0098 U	0.81	0.0073 U	0.0081 U
o-Xylene	150	0.019 U	0.0098 U	0.16	0.0073 U	0.0081 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) Shaded values exceeded Tier 1 screening level.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Bis(2-chloroethyl)ether	0.0004	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Bis(2-ethylhexyl)phthalate	31,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Bromophenyl phenyl ether	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Butyl benzyl phthalate	930	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Carbazole	2.8	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chloro-3-methylphenol	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chloroaniline	0.7	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Chloronaphthalene	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Chlorophenol	20	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Chlorophenyl phenyl ether	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Dibenzofuran	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,2-Dichlorobenzene	43	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,3-Dichlorobenzene	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,4-Dichlorobenzene	11	0.4 U	0.38 U	11 U	0.4 U	0.38 U
3,3'-Dichlorobenzidine	0.033	0.8 U	0.77 U	21 U	0.8 U	0.76 U
2,4-Dichlorophenol	1.00	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Diethyl phthalate	470	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Dimethyl phthalate	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Di-n-butyl phthalate	2,300	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2,4-Dimethylphenol	9	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
2,4-Dinitrophenol	0.2	1.9 U	1.9 U	51 U	1.9 U	1.8 U
2,4-Dinitrotoluene	0.0008	0.3 U	0.29 U	8 U	0.3 U	0.29 U
2,6-Dinitrotoluene	0.0007	0.3 U	0.29 U	8 U	0.3 U	0.29 U
Di-n-octyl phthalate	10,000	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorobenzene	11	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorobutadiene	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachlorocyclopentadiene	2,200	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Hexachloroethane	2.6	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Isophorone	8	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Methylnaphthalene	--	0.4 U	0.38 U	14	0.4 U	0.38 U
2-Methylphenol	15	0.4 U	0.38 U	11 U	0.4 U	0.38 U
4-Methylphenol	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Nitroaniline	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
3-Nitroaniline	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
4-Nitroaniline	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
Nitrobenzene	0.1	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2-Nitrophenol	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
4-Nitrophenol	--	1.9 U	1.9 U	51 U	1.9 U	1.8 U
N-Nitrosodi-n-propylamine	0.00005	0.4 U	0.38 U	11 U	0.4 U	0.38 U
N-Nitrosodiphenylamine	5.6	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2, 2'-oxybis(1-Chloropropane)	--	0.4 U	0.38 U	11 U	0.4 U	0.38 U
Pentachlorophenol	0.14	1.9 U	1.9 U	51 U	1.9 U	1.8 U
Phenol	100	0.4 U	0.38 U	11 U	0.4 U	0.38 U
1,2,4-Trichlorobenzene	53	0.4 U	0.38 U	11 U	0.4 U	0.38 U
2,4,5-Trichlorophenol	1,400	0.8 U	0.77 U	21 U	0.8 U	0.76 U
2,4,6-Trichlorophenol	0.77	0.4 U	0.38 U	11 U	0.4 U	0.38 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level*	Sample Location and Depth (feet below ground surface)/Concentration				
		SP19-002 5-6	SP20-001 0.5-1.5	SP20-002 3-4	SP20-003 9-10	SP21B-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	2,900	0.03 U	0.029 U	0.94	0.031 U	0.029 U
Acenaphthylene	--	0.048	0.029 U	4.8	0.031 U	0.029 U
Anthracene	59,000	0.078	0.037	1.3	0.031 U	0.031
Benzo(a)anthracene	8	0.36	0.12	5.1	0.031 U	0.17
Benzo(b)fluoranthene	82	0.21	0.13	1.4	0.031 U	0.099
Benzo(k)fluoranthene	25	0.23	0.11	1.8	0.031 U	0.079
Benzo(g,h,i)perylene	--	0.17	0.072	0.8 U	0.031 U	0.036
Benzo(a)pyrene	250	0.31	0.13	0.84	0.031 U	0.085
Chrysene	800	0.38	0.13	6.6	0.031 U	0.17
Dibenz(a,h)anthracene	7.6	0.058	0.029 U	0.8 U	0.031 U	0.029 U
Fluoranthene	21,000	0.75	0.21	10	0.031 U	0.27
Fluorene	2,800	0.03 U	0.029 U	1.4	0.031 U	0.029 U
Indeno(1,2,3-cd)pyrene	69	0.17	0.064	0.8 U	0.031 U	0.038
Naphthalene	18	0.03 U	0.029 U	73	0.057	0.029 U
Phenanthrene	--	0.13	0.087	8.8	0.031 U	0.085
Pyrene	21,000	0.96	0.24	16	0.031 U	0.28
PCBs (mg/kg)						
Aroclor 1016	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1221	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1232	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1242	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1248	--	0.097 U	0.094 U	1 U	0.097 U	0.091 U
Aroclor 1254	--	0.19 U	0.19 U	2 U	0.19 U	0.18 U
Aroclor 1260	--	0.19 U	0.19 U	2 U	0.19 U	0.18 U
Total PCBs	--	0.865 U	0.850 U	9 U	0.865 U	0.815 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	20	1.2 UJ	1.1 UJ	1.8 J	1.2 UJ	1.1 UJ
Arsenic	120	9.4	11	21	5.4	2.8
Beryllium	1,000,000	0.8	0.7	0.65 U	0.59 U	0.55 U
Cadmium	4,300	0.61 U	0.55 U	0.65 U	0.59 U	0.55 U
Chromium**	28	20	23	7.2	18	7.5
Copper	330,000	30 J	23 J	67 J	25 J	8.5 J
Lead***	36	21	98 J	140	19	26 J
Mercury	40	0.074	0.15	0.52	0.038	0.048
Nickel	76,000	35	26 J	11	23	8.6 J
Selenium	2.4	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U
Silver**	110	1.2 U	1.1 U	1.3 U	1.2 U	1.1 U
Thallium	38	1.6	1.4	1.3 U	1.2 U	1.1 U
Zinc	110,000	47 J	74	75 J	48 J	53
Total Cyanide	120	0.3 U	1.5	150	0.31 U	0.29 U

Notes:

- (1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J - Indicates an estimated value.
- (3) WT ~ NE - Water Table Not Encountered.
- (4) Shaded values exceeded Tier 1 screening level.
- (5) -- Toxicity criteria not available for exposure route.
- (6) * - Toxicity criteria for metals and cyanide are only applicable to TCLP data, therefore pH-dependent screening levels for Class II groundwater were used.
- (7) ** - pH-dependent screening level was not available for Class II groundwater; therefore, pH-dependent screening level for Class I groundwater was used.
- (8) *** - Metropolitan statistical background value was used because no pH-dependent Tier 1 screening value is available.
- (9) SPLP analysis was conducted on 4 representative samples (SP18-001, SP33-001, SP24-001 and SP34-002) with total lead concentrations ranging from 870 to 2,200 mg/l. All SPLP results ranging from 0.0022 to 0.074 mg/l are below the Tier 1 screening level of 0.1 mg/l. Therefore, lead is not a constituent of concern for the soil migration to groundwater exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	16	0.043 U	0.052	0.061 U	0.025 U	0.22 J
Benzene	0.17	0.0087 U	0.0085 U	0.012 U	2.6	25
Bromodichloromethane	0.6	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Bromoform	0.8	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Bromomethane	1.2	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
2-Butanone	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Carbon Disulfide	160	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Carbon Tetrachloride	0.33	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chlorobenzene	6.5	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chloroethane	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Chloroform	2.9	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Chloromethane	--	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Dibromochloromethane	0.4	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1-Dichloroethane	110	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,2-Dichloroethane	0.1	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1-Dichloroethene	0.3	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
cis-1,2-Dichloroethene	1.1	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
trans-1,2-Dichloroethene	3.4	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,2-Dichloropropane	0.15	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
cis-1,3-Dichloropropene	0.02	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
trans-1,3-Dichloropropene	0.02	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Ethylbenzene	19	0.0087 U	0.0085 U	0.012 U	0.0051 U	52
2-Hexanone	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
4-Methyl-2-Pentanone	--	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Methylene Chloride	0.2	0.017 U	0.017 U	0.024 U	0.01 U	0.053 UJ
Styrene	18	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1,2,2-Tetrachloroethane	--	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Tetrachloroethene	0.3	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Toluene	29	0.0087 U	0.0085 U	0.012 U	0.0051 U	1.1
1,1,1-Trichloroethane	9.6	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
1,1,2-Trichloroethane	0.3	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Trichloroethene	0.3	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
Vinyl Chloride	0.07	0.0087 U	0.0085 U	0.012 U	0.0051 U	0.027 UJ
m,p-Xylene	150	0.0087 U	0.0085 U	0.012 U	0.0051 U	17
o-Xylene	150	0.0087 U	0.0085 U	0.012 U	0.0051 U	6.6

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Bis(2-chloroethyl)ether	0.0004	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Bis(2-ethylhexyl)phthalate	31,000	0.36 U	0.39 U	0.38 U	0.4 U	0.97
4-Bromophenyl phenyl ether	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Butyl benzyl phthalate	930	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Carbazole	2.8	0.36 U	0.39 U	0.38 U	0.4 U	2.6
4-Chloro-3-methylphenol	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Chloroaniline	0.7	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Chloronaphthalene	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Chlorophenol	20	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Chlorophenyl phenyl ether	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Dibenzofuran	--	0.36 U	0.39 U	0.38 U	0.4 U	2.5
1,2-Dichlorobenzene	43	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,3-Dichlorobenzene	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,4-Dichlorobenzene	11	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
3,3'-Dichlorobenzidine	0.033	0.73 U	0.78 U	0.77 U	0.8 U	1.2 U
2,4-Dichlorophenol	1.00	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Diethyl phthalate	470	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Dimethyl phthalate	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Di-n-butyl phthalate	2,300	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2,4-Dimethylphenol	9	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4,6-Dinitro-2-methylphenol	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
2,4-Dinitrophenol	0.2	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
2,4-Dinitrotoluene	0.0008	0.27 U	0.29 U	0.29 U	0.3 U	0.44 U
2,6-Dinitrotoluene	0.0007	0.27 U	0.29 U	0.29 U	0.3 U	0.44 U
Di-n-octyl phthalate	10,000	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorobenzene	11	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorobutadiene	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachlorocyclopentadiene	2,200	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Hexachloroethane	2.6	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Isophorone	8	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Methylnaphthalene	--	0.36 U	0.39 U	0.38 U	0.4 U	106
2-Methylphenol	15	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
4-Methylphenol	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
3-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
4-Nitroaniline	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
Nitrobenzene	0.1	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2-Nitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
4-Nitrophenol	--	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
N-Nitrosodi-n-propylamine	0.00005	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
N-Nitrosodiphenylamine	5.6	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2, 2'-oxybis(1-Chloropropane)	--	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
Pentachlorophenol	0.14	1.8 U	1.9 U	1.9 U	1.9 U	2.8 U
Phenol	100	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
1,2,4-Trichlorobenzene	53	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U
2,4,5-Trichlorophenol	1,400	0.73 U	0.78 U	0.77 U	0.8 U	1.2 U
2,4,6-Trichlorophenol	0.77	0.36 U	0.39 U	0.38 U	0.4 U	0.58 U

Notes:

- (1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J - Indicates an estimated value.
- (3) WT ~ NE - Water Table Not Encountered.
- (4) -- Toxicity criteria not available for exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level*	Sample Location and Depth (feet below ground surface)/Concentration				
		SP22B-001 2-3	SP22B-002 7-8	SP23-001 1-2	SP23-002 9-10	SP24-001 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	2,900	0.027 U	0.029 U	0.029 U	0.069	2.6
Acenaphthylene	--	0.04	0.029 U	0.029 U	0.03 U	2.7
Anthracene	59,000	0.039	0.029 U	0.035	0.17	5.1
Benzo(a)anthracene	8	0.17	0.029 U	0.19	0.33	3.6
Benzo(b)fluoranthene	82	0.11	0.029 U	0.043	0.11	1.5
Benzo(k)fluoranthene	25	0.083	0.029 U	0.03	0.14	1.7
Benzo(g,h,i)perylene	--	0.052	0.029 U	0.039	0.085	0.48
Benzo(a)pyrene	250	0.1	0.029 U	0.051	0.13	2.3
Chrysene	800	0.17	0.029 U	0.23	0.32	3.8
Dibenz(a,h)anthracene	7.6	0.027 U	0.029 U	0.029 U	0.034	0.26
Fluoranthene	21,000	0.26	0.029 U	0.11	1	8.5
Fluorene	2,800	0.027 U	0.029 U	0.029 U	0.081	7.3
Indeno(1,2,3-cd)pyrene	69	0.051	0.029 U	0.029 U	0.091	0.46
Naphthalene	18	0.029	0.043	0.034	0.096	170
Phenanthrene	--	0.11	0.032	0.054	0.65	18
Pyrene	21,000	0.29	0.036	0.25	0.95	9.5
PCBs (mg/kg)						
Aroclor 1016	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1221	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1232	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1242	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1248	--	0.088 U	0.094 U	0.092 U	0.097 U	0.14 U
Aroclor 1254	--	0.18 U	0.19 U	0.18 U	0.19 U	0.27 U
Aroclor 1260	--	0.18 U	0.19 U	0.18 U	0.19 U	0.27 U
Total PCBs	--	0.800 U	0.850 U	0.820 U	0.865 U	1.240 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	20	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ	13 J
Arsenic	120	4.7	7	5.9	4.1	14
Beryllium	1,000,000	0.54 U	0.57 U	0.55 U	0.59 U	0.83 U
Cadmium	4,300	0.54 U	0.57 U	0.55 U	0.59 U	2.4
Chromium**	28	9.7	17	23	17	170
Copper	330,000	12 J	25 J	26 J	17 J	140 J
Lead***	36	25 J	23	26 J	54	2200
Mercury	40	0.15	0.028 U	0.23	0.13	0.82
Nickel	76,000	16 J	32	30 J	15	77
Selenium	2.4	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Silver**	110	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Thallium	38	1.1 U	1.1 U	1.1 U	1.2 U	1.7 U
Zinc	110,000	39	41 J	53	62 J	740 J
Total Cyanide	120	0.28 U	0.3 U	0.29 U	0.31 U	6.3

Notes:

- (1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J - Indicates an estimated value.
- (3) WT ~ NE - Water Table Not Encountered.
- (4) Shaded values exceeded Tier 1 screening level.
- (5) -- Toxicity criteria not available for exposure route.
- (6) * - Toxicity criteria for metals and cyanide are only applicable to TCLP data, therefore pH-dependent screening levels for Class II groundwater were used.
- (7) ** - pH-dependent screening level was not available for Class II groundwater; therefore, pH-dependent screening level for Class I groundwater was used.
- (8) *** - Metropolitan statistical background value was used because no pH-dependent Tier 1 screening value is available.
- (9) SPLP analysis was conducted on 4 representative samples (SP18-001, SP33-001, SP24-001 and SP34-002) with total lead concentrations ranging from 870 to 2,200 mg/l. All SPLP results ranging from 0.0022 to 0.074 mg/l are below the Tier 1 screening level of 0.1 mg/l. Therefore, lead is not a constituent of concern for the soil migration to groundwater exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	16	0.047 U	0.35	0.057 U	0.04	0.026 UJ
Benzene	0.17	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromodichloromethane	0.6	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromoform	0.8	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Bromomethane	1.2	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
2-Butanone	--	0.019 U	0.17	0.023 U	0.014 U	0.01 UJ
Carbon Disulfide	160	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Carbon Tetrachloride	0.33	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chlorobenzene	6.5	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chloroethane	--	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Chloroform	2.9	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Chloromethane	--	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Dibromochloromethane	0.4	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1-Dichloroethane	110	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,2-Dichloroethane	0.1	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1-Dichloroethene	0.3	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
cis-1,2-Dichloroethene	1.1	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
trans-1,2-Dichloroethene	3.4	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,2-Dichloropropane	0.15	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
cis-1,3-Dichloropropene	0.02	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
trans-1,3-Dichloropropene	0.02	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Ethylbenzene	19	0.0095 U	0.021	0.011 U	0.0072 U	0.0052 UJ
2-Hexanone	--	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
4-Methyl-2-Pentanone	--	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Methylene Chloride	0.2	0.019 U	0.035 U	0.023 U	0.014 U	0.01 UJ
Styrene	18	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,2,2-Tetrachloroethane	--	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Tetrachloroethene	0.3	0.015	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Toluene	29	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,1-Trichloroethane	9.6	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
1,1,2-Trichloroethane	0.3	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Trichloroethene	0.3	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
Vinyl Chloride	0.07	0.0095 U	0.017 U	0.011 U	0.0072 U	0.0052 UJ
m,p-Xylene	150	0.0095 U	0.023	0.011 U	0.0072 U	0.0052 UJ
o-Xylene	150	0.0095 U	0.031	0.011 U	0.0072 U	0.0052 UJ

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Bis(2-chloroethyl)ether	0.0004	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Bis(2-ethylhexyl)phthalate	31,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Bromophenyl phenyl ether	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Butyl benzyl phthalate	930	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Carbazole	2.8	0.39 U	0.45 U	1.9	0.39 U	0.39 U
4-Chloro-3-methylphenol	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Chloroaniline	0.7	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Chloronaphthalene	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Chlorophenol	20	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Dibenzofuran	--	0.39 U	0.45 U	1.7	0.39 U	0.39 U
1,2-Dichlorobenzene	43	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,3-Dichlorobenzene	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,4-Dichlorobenzene	11	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
3,3'-Dichlorobenzidine	0.033	0.78 U	0.89 U	0.77 U	0.77 U	0.78 U
2,4-Dichlorophenol	1.00	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Diethyl phthalate	470	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Dimethyl phthalate	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Di-n-butyl phthalate	2,300	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2,4-Dimethylphenol	9	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4,6-Dinitro-2-methylphenol	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrophenol	0.2	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	0.0008	0.29 U	0.34 U	0.29 U	0.29 U	0.29 U
2,6-Dinitrotoluene	0.0007	0.29 U	0.34 U	0.29 U	0.29 U	0.29 U
Di-n-octyl phthalate	10,000	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorobenzene	11	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorobutadiene	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachlorocyclopentadiene	2,200	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Hexachloroethane	2.6	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Isophorone	8	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Methylnaphthalene	--	0.39 U	0.45 U	0.64	0.39 U	0.39 U
2-Methylphenol	15	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
4-Methylphenol	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Nitroaniline	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
3-Nitroaniline	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
4-Nitroaniline	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
Nitrobenzene	0.1	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2-Nitrophenol	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
4-Nitrophenol	--	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
N-Nitrosodi-n-propylamine	0.00005	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
N-Nitrosodiphenylamine	5.6	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2, 2'-oxybis(1-Chloropropane)	--	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
Pentachlorophenol	0.14	1.9 U	2.2 U	1.9 U	1.9 U	1.9 U
Phenol	100	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
1,2,4-Trichlorobenzene	53	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U
2,4,5-Trichlorophenol	1,400	0.78 U	0.89 U	0.77 U	0.77 U	0.78 U
2,4,6-Trichlorophenol	0.77	0.39 U	0.45 U	0.39 U	0.39 U	0.39 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level*	Sample Location and Depth (feet below ground surface)/Concentration				
		SP25-001 1-2	SP25-002 6-7	SP26-001 2-3	SP26-002 4-5	SP27-001 2-3
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	2,900	0.029 U	0.059	1	0.029 U	0.029 U
Acenaphthylene	--	0.05	0.095	0.28	0.029 U	0.029 U
Anthracene	59,000	0.067	0.27	5.1	0.029 U	0.075
Benzo(a)anthracene	8	0.3	0.39	8.1	0.029 U	0.46
Benzo(b)fluoranthene	82	0.21	0.3	6.9	0.029 U	0.35
Benzo(k)fluoranthene	25	0.22	0.24	4.9	0.029 U	0.42
Benzo(g,h,i)perylene	--	0.17	0.087	2	0.029 U	0.39
Benzo(a)pyrene	250	0.33	0.25	6.3	0.029 U	0.39
Chrysene	800	0.29	0.44	8.5	0.029 U	0.45
Dibenz(a,h)anthracene	7.6	0.057	0.039	0.75	0.029 U	0.076
Fluoranthene	21,000	0.76	0.84	23	0.03	0.85
Fluorene	2,800	0.029 U	0.15	1.3	0.029 U	0.029 U
Indeno(1,2,3-cd)pyrene	69	0.16	0.1	2.1	0.029 U	0.19
Naphthalene	18	0.029 U	0.41	0.33	0.029 U	0.032
Phenanthrene	--	0.19	0.65	10	0.069	0.36
Pyrene	21,000	0.8	0.76	19	0.034	0.81
PCBs (mg/kg)						
Aroclor 1016	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1221	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1232	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1242	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1248	--	0.092 U	0.11 U	0.095 U	0.094 U	0.089 U
Aroclor 1254	--	0.18 U	0.21 U	0.19 U	0.19 U	0.19
Aroclor 1260	--	0.18 U	0.21 U	0.19 U	0.19 U	0.18 U
Total PCBs	--	0.820 U	0.970 U	0.855 U	0.850 U	0.815
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	20	1.1 UJ	1.3 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	120	17	5.5	7.3	7.5	9.1
Beryllium	1,000,000	0.71	0.65 U	0.66	0.56 U	0.55 U
Cadmium	4,300	0.57 U	0.65 U	0.57 U	0.56 U	1.1
Chromium**	28	20	15	15	17	14
Copper	330,000	32 J	29 J	46 J	26 J	37 J
Lead***	36	27 J	65	230 J	19	110 J
Mercury	40	0.19	0.26	1.2	0.029 U	0.33
Nickel	76,000	40 J	18	21 J	27	17 J
Selenium	2.4	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U
Silver**	110	1.1 U	1.3 U	1.1 U	1.1 U	1.1 U
Thallium	38	1.2	1.3 U	1.1 U	1.2	1.1 U
Zinc	110,000	50	90 J	120	41 J	220
Total Cyanide	120	0.3 U	0.8	0.3 U	0.3 U	0.29 U

Notes:

- (1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J - Indicates an estimated value.
- (3) WT ~ NE - Water Table Not Encountered.
- (4) Shaded values exceeded Tier 1 screening level.
- (5) -- Toxicity criteria not available for exposure route.
- (6) * - Toxicity criteria for metals and cyanide are only applicable to TCLP data, therefore pH-dependent screening levels for Class II groundwater were used.
- (7) ** - pH-dependent screening level was not available for Class II groundwater; therefore, pH-dependent screening level for Class I groundwater was used.
- (8) *** - Metropolitan statistical background value was used because no pH-dependent Tier 1 screening value is available.
- (9) SPLP analysis was conducted on 4 representative samples (SP18-001, SP33-001, SP24-001 and SP34-002) with total lead concentrations ranging from 870 to 2,200 mg/l. All SPLP results ranging from 0.0022 to 0.074 mg/l are below the Tier 1 screening level of 0.1 mg/l. Therefore, lead is not a constituent of concern for the soil migration to groundwater exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	16	0.034 U	0.05 U	0.055 U	0.04 U	0.049 U
Benzene	0.17	0.0068 U	0.01 U	0.011 U	0.0079 U	0.91
Bromodichloromethane	0.6	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Bromoform	0.8	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Bromomethane	1.2	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
2-Butanone	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Carbon Disulfide	160	0.0068 U	0.01 U	0.011 U	0.0079 U	0.011
Carbon Tetrachloride	0.33	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chlorobenzene	6.5	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chloroethane	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Chloroform	2.9	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Chloromethane	--	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Dibromochloromethane	--	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1-Dichloroethane	110	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,2-Dichloroethane	0.1	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1-Dichloroethene	0.3	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
cis-1,2-Dichloroethene	1.1	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
trans-1,2-Dichloroethene	3.4	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,2-Dichloropropane	0.15	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
cis-1,3-Dichloropropene	0.02	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
trans-1,3-Dichloropropene	0.02	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Ethylbenzene	19	0.0068 U	0.01 U	0.011 U	0.0079 U	1.5
2-Hexanone	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
4-Methyl-2-Pentanone	--	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Methylene Chloride	0.2	0.014 U	0.02 U	0.022 U	0.016 U	0.019 U
Styrene	18	0.0068 U	0.01 U	0.011 U	0.0079 U	0.01
1,1,2,2-Tetrachloroethane	--	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Tetrachloroethene	0.3	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Toluene	29	0.0068 U	0.01 U	0.011 U	0.0079 U	0.017
1,1,1-Trichloroethane	9.6	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
1,1,2-Trichloroethane	0.3	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Trichloroethene	0.3	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
Vinyl Chloride	0.07	0.0068 U	0.01 U	0.011 U	0.0079 U	0.0097 U
m,p-Xylene	150	0.0068 U	0.01 U	0.011 U	0.0079 U	0.019
o-Xylene	150	0.0068 U	0.01 U	0.011 U	0.0079 U	0.52

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) Shaded values exceeded Tier 1 screening level.

(3) -- Toxicity criteria not available for exposure route.

(4) WT ~ NE - Water Table Not Encountered.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Bis(2-chloroethyl)ether	0.0004	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Bis(2-ethylhexyl)phthalate	31,000	2.9	0.4 U	0.39 U	0.4 U	0.44 U
4-Bromophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Butyl benzyl phthalate	930	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Carbazole	2.8	0.5	0.4 U	0.39 U	0.4 U	0.44 U
4-Chloro-3-methylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Chloroaniline	0.7	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Chloronaphthalene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Chlorophenol	1.5	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Chlorophenyl phenyl ether	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Dibenzofuran	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,2-Dichlorobenzene	43	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,3-Dichlorobenzene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,4-Dichlorobenzene	11	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
3,3'-Dichlorobenzidine	0.033	0.78 U	0.79 U	0.78 U	0.81 U	0.89 U
2,4-Dichlorophenol	0.48	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Diethyl phthalate	470	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Dimethyl phthalate	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Di-n-butyl phthalate	2,300	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2,4-Dimethylphenol	9	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4,6-Dinitro-2-methylphenol	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
2,4-Dinitrophenol	0.2	1.9 U	1.9 U	1.9 U	2 U	2.2 U
2,4-Dinitrotoluene	0.0008	0.3 U	0.3 U	0.3 U	0.31 U	0.34 U
2,6-Dinitrotoluene	0.0007	0.3 U	0.3 U	0.3 U	0.31 U	0.34 U
Di-n-octyl phthalate	10,000	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorobenzene	11	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorobutadiene	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachlorocyclopentadiene	2,200	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Hexachloroethane	2.6	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Isophorone	8	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Methylnaphthalene	--	0.39 U	1	0.39 U	0.65	0.77
2-Methylphenol	15	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
4-Methylphenol	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
3-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
4-Nitroaniline	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
Nitrobenzene	0.1	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2-Nitrophenol	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
4-Nitrophenol	--	1.9 U	1.9 U	1.9 U	2 U	2.2 U
N-Nitrosodi-n-propylamine	0.00005	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
N-Nitrosodiphenylamine	5.6	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2, 2'-oxybis(1-Chloropropane)	--	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
Pentachlorophenol	0.1	1.9 U	1.9 U	1.9 U	2 U	2.2 U
Phenol	100	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
1,2,4-Trichlorobenzene	53	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U
2,4,5-Trichlorophenol	1,400	0.78 U	0.79 U	0.78 U	0.81 U	0.89 U
2,4,6-Trichlorophenol	0.07	0.39 U	0.4 U	0.39 U	0.4 U	0.44 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP27-002 4-8	SP28-001 1-2	SP28-002 12-13	SP29-001 2-3	SP29-002 9-10
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	2,900	0.34	0.1	0.078	0.06	0.089
Acenaphthylene	--	0.11	1.6	0.1	0.11	0.14
Anthracene	59,000	0.6	0.54	0.071	0.19	0.27
Benzo(a)anthracene	8	4.9	2.4	0.11	0.9	1
Benzo(b)fluoranthene	82	2.8	1.7	0.091	0.66	0.75
Benzo(k)fluoranthene	25	2	1.5	0.079	0.54	0.52
Benzo(g,h,i)perylene	--	1.5	1.3	0.086	0.33	0.43
Benzo(a)pyrene	250	5.2	2.4	0.081	0.72	0.89
Chrysene	800	4.4	2.2	0.25	0.76	0.95
Dibenz(a,h)anthracene	7.6	0.66	0.8	0.039	0.11	0.14
Fluoranthene	21,000	7.5	2.7	0.38	1.4	1.7
Fluorene	2,800	0.35	0.16	0.07	0.13	0.19
Indeno(1,2,3-cd)pyrene	69	1.5	1.1	0.072	0.31	0.4
Naphthalene	18	0.17	1.1	0.68	3.8	4
Phenanthrene	--	1.7	2.1	0.34	0.93	1.1
Pyrene	21,000	10	5	0.42	1.6	1.8
PCBs (mg/kg)						
Aroclor 1016	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1221	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1232	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1242	--	0.29	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1248	--	0.091 U	0.097 U	0.095 U	0.093 U	0.11 U
Aroclor 1254	--	0.36	0.19 U	0.19 U	0.19 U	0.22 U
Aroclor 1260	--	0.18 U	0.19 U	0.19 U	0.19 U	0.22 U
Total PCBs	--	1.194	0.865 U	0.855 U	0.845 U	0.990 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	20	1.2 J	1.1 UJ	1.1 UJ	1.6 J	1.4 J
Arsenic	120	3.9	6.7	4.4	13	8.9
Beryllium	1,000,000	0.54 U	0.8	0.56 U	0.87	0.93
Cadmium	4,300	1.1	0.87	0.56 U	0.67	1.2
Chromium**	28	16	18	7.3	19	18
Copper	330,000	56 J	36 J	14 J	77 J	32 J
Lead***	36	96	94 J	79	300 J	170
Mercury	40	0.33	0.24	0.16	0.95	0.22
Nickel	76,000	17	30 J	7.9	26 J	30
Selenium	2.4	1.1 U	1.1 U	1.1 U	1.2 U	1.3 U
Silver**	110	1.1 U	1.1 U	1.1 U	1.2 U	1.3 U
Thallium	38	1.1 U	1.2	1.1 U	1.2 U	1.3 U
Zinc	110,000	250 J	250	77 J	250	170 J
Total Cyanide	120	0.3 U	0.3 U	0.3 U	0.85	0.34 U

Notes:

- (1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J - Indicates an estimated value.
- (3) WT ~ NE - Water Table Not Encountered.
- (4) Shaded values exceeded Tier 1 screening level.
- (5) -- Toxicity criteria not available for exposure route.
- (6) * - Toxicity criteria for metals and cyanide are only applicable to TCLP data, therefore pH-dependent screening levels for Class II groundwater were used.
- (7) ** - pH-dependent screening level was not available for Class II groundwater; therefore, pH-dependent screening level for Class I groundwater was used.
- (8) *** - Metropolitan statistical background value was used because no pH-dependent Tier 1 screening value is available.
- (9) SPLP analysis was conducted on 4 representative samples (SP18-001, SP33-001, SP24-001 and SP34-002) with total lead concentrations ranging from 870 to 2,200 mg/l. All SPLP results ranging from 0.0022 to 0.074 mg/l are below the Tier 1 screening level of 0.1 mg/l. Therefore, lead is not a constituent of concern for the soil migration to groundwater exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)						
Acetone	16	0.051 U	0.038 U	0.058 U	0.069 U	0.046 U
Benzene	0.17	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromodichloromethane	0.6	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromoform	0.8	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Bromomethane	1.2	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
2-Butanone	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Carbon Disulfide	160	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Carbon Tetrachloride	0.33	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chlorobenzene	6.5	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chloroethane	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Chloroform	2.9	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Chloromethane	--	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Dibromochloromethane	0.4	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1-Dichloroethane	110	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,2-Dichloroethane	0.1	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1-Dichloroethene	0.3	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
cis-1,2-Dichloroethene	1.1	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
trans-1,2-Dichloroethene	3.4	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,2-Dichloropropane	0.15	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
cis-1,3-Dichloropropene	0.02	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
trans-1,3-Dichloropropene	0.02	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Ethylbenzene	19	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
2-Hexanone	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
4-Methyl-2-Pentanone	--	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Methylene Chloride	0.2	0.021 U	0.015 U	0.023 U	0.028 U	0.018 U
Styrene	18	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,2,2-Tetrachloroethane	--	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Tetrachloroethene	0.3	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Toluene	29	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,1-Trichloroethane	9.6	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
1,1,2-Trichloroethane	0.3	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Trichloroethene	0.3	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
Vinyl Chloride	0.07	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
m,p-Xylene	150	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U
o-Xylene	150	0.01 U	0.0075 U	0.012 U	0.014 U	0.0092 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) -- Toxicity criteria not available for exposure route.

(3) WT ~ NE - Water Table Not Encountered.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration				
		SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)						
Bis(2-chloroethoxy)methane	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Bis(2-chloroethyl)ether	0.0004	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Bis(2-ethylhexyl)phthalate	31,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Bromophenyl phenyl ether	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Butyl benzyl phthalate	930	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Carbazole	2.8	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chloro-3-methylphenol	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chloroaniline	0.7	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Chloronaphthalene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Chlorophenol	20	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Chlorophenyl phenyl ether	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Dibenzofuran	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,2-Dichlorobenzene	43	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,3-Dichlorobenzene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,4-Dichlorobenzene	11	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
3,3'-Dichlorobenzidine	0.033	0.72 U	0.74 U	0.76 U	0.74 U	0.81 U
2,4-Dichlorophenol	1.00	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Diethyl phthalate	470	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Dimethyl phthalate	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Di-n-butyl phthalate	2,300	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,4-Dimethylphenol	9	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4,6-Dinitro-2-methylphenol	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
2,4-Dinitrophenol	0.2	1.7 U	1.8 U	1.8 U	1.8 U	2 U
2,4-Dinitrotoluene	0.0008	0.27 U	0.28 U	0.29 U	0.28 U	0.31 U
2,6-Dinitrotoluene	0.0007	0.27 U	0.28 U	0.29 U	0.28 U	0.31 U
Di-n-octyl phthalate	10,000	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorobenzene	11	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorobutadiene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachlorocyclopentadiene	2,200	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Hexachloroethane	2.6	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Isophorone	8	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Methylnaphthalene	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Methylphenol	15	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
4-Methylphenol	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Nitroaniline	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
3-Nitroaniline	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
4-Nitroaniline	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
Nitrobenzene	0.1	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2-Nitrophenol	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
4-Nitrophenol	--	1.7 U	1.8 U	1.8 U	1.8 U	2 U
N-Nitrosodi-n-propylamine	0.00005	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
N-Nitrosodiphenylamine	5.6	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,2'-oxybis(1-Chloropropane)	--	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
Pentachlorophenol	0.14	1.7 U	1.8 U	1.8 U	1.8 U	2 U
Phenol	100	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
1,2,4-Trichlorobenzene	53	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U
2,4,5-Trichlorophenol	1,400	0.72 U	0.74 U	0.76 U	0.74 U	0.81 U
2,4,6-Trichlorophenol	0.77	0.36 U	0.37 U	0.38 U	0.37 U	0.41 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) WT ~ NE - Water Table Not Encountered.

(3) -- Toxicity criteria not available for exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level*	Sample Location and Depth (feet below ground surface)/Concentration				
		SP30-001 1-2	SP30-002 8-9	SP30-003 12-13	SP31-001 1-2	SP31-002 7.5-8.5
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)						
Acenaphthene	2,900	0.027 U	0.028 U	0.029 U	0.12	0.031 U
Acenaphthylene	--	0.027 U	0.028 U	0.029 U	0.21	0.031 U
Anthracene	59,000	0.13	0.028 U	0.029 U	0.95	0.031 U
Benzo(a)anthracene	8	0.4	0.028 U	0.029 U	2.6	0.1
Benzo(b)fluoranthene	82	0.34	0.028 U	0.029 U	1.9	0.093
Benzo(k)fluoranthene	25	0.3	0.028 U	0.029 U	2.1	0.086
Benzo(g,h,i)perylene	--	0.083	0.028 U	0.029 U	1.8	0.07
Benzo(a)pyrene	250	0.38	0.028 U	0.029 U	3.2	0.12
Chrysene	800	0.38	0.028 U	0.029 U	2.7	0.099
Dibenz(a,h)anthracene	7.6	0.034	0.028 U	0.029 U	0.65	0.031 U
Fluoranthene	21,000	0.76	0.028 U	0.029 U	4.3	0.18
Fluorene	2,800	0.029	0.028 U	0.029 U	0.16	0.031 U
Indeno(1,2,3-cd)pyrene	69	0.094	0.028 U	0.029 U	1.7	0.068
Naphthalene	18	0.027 U	1.1	0.029 U	0.18	0.034
Phenanthrene	--	0.41	0.028 U	0.029 U	3.6	0.055
Pyrene	21,000	0.68	0.028 U	0.029 U	5.1	0.18
PCBs (mg/kg)						
Aroclor 1016	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1221	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1232	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1242	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1248	--	0.086 U	0.09 U	0.091 U	0.089 U	0.11 U
Aroclor 1254	--	0.17 U	0.18 U	0.18 U	0.18 U	0.22 U
Aroclor 1260	--	0.17 U	0.18 U	0.18 U	0.18 U	0.22 U
Total PCBs	--	0.770 U	0.810 U	0.815 U	0.805 U	0.990 U
Priority Pollutant Metals and Total Cyanide (mg/kg)						
Antimony	20	1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ
Arsenic	120	3.4	10	6.8	9.2	16
Beryllium	1,000,000	0.52 U	0.77	0.77	0.56	0.86
Cadmium	4,300	0.52 U	0.56 U	0.57 U	0.55 U	0.58 U
Chromium**	28	9.4	20	19	13	20
Copper	330,000	11 J	24 J	28 J	49 J	36 J
Lead***	36	28 J	15	17	96 J	26
Mercury	40	0.074	0.029 U	0.029	0.53	0.047
Nickel	76,000	11 J	33	32	24 J	39
Selenium	2.4	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Silver**	110	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Thallium	38	1 U	1.1 U	1.1 U	1.1 U	1.2 U
Zinc	110,000	32	41 J	43 J	79	48 J
Total Cyanide	120	0.27 U	0.29 U	0.29 U	0.28 U	0.31 U

Notes:

- (1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J - Indicates an estimated value.
- (3) WT ~ NE - Water Table Not Encountered.
- (4) Shaded values exceeded Tier 1 screening level.
- (5) -- Toxicity criteria not available for exposure route.
- (6) * - Toxicity criteria for metals and cyanide are only applicable to TCLP data, therefore pH-dependent screening levels for Class II groundwater were used.
- (7) ** - pH-dependent screening level was not available for Class II groundwater; therefore, pH-dependent screening level for Class I groundwater was used.
- (8) *** - Metropolitan statistical background value was used because no pH-dependent Tier 1 screening value is available.
- (9) SPLP analysis was conducted on 4 representative samples (SP18-001, SP33-001, SP24-001 and SP34-002) with total lead concentrations ranging from 870 to 2,200 mg/l. All SPLP results ranging from 0.0022 to 0.074 mg/l are below the Tier 1 screening level of 0.1 mg/l. Therefore, lead is not a constituent of concern for the soil migration to groundwater exposure route.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration					
		SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Volatiles (mg/kg)							
Acetone	16	0.052 U	0.068 U	0.084 U	0.063 UJ	0.039 U	0.26
Benzene	0.17	0.01 U	2.8	0.017 U	4.7	0.0079 U	0.016 U
Bromodichloromethane	0.6	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Bromoform	0.8	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Bromomethane	1.2	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
2-Butanone	--	0.021 U	0.027 U	0.033 U	0.031 J	0.016 U	0.14
Carbon Disulfide	160	0.01 U	0.014 U	0.017 U	27	0.0079 U	0.016 U
Carbon Tetrachloride	0.33	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chlorobenzene	6.5	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chloroethane	--	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Chloroform	2.9	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Chloromethane	--	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Dibromochloromethane	0.4	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,1-Dichloroethane	110	0.01 U	0.014 U	0.017 U	0.03 J	0.0079 U	0.052
1,2-Dichloroethane	0.1	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,1-Dichloroethene	0.3	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
cis-1,2-Dichloroethene	1.1	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
trans-1,2-Dichloroethene	3.4	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
1,2-Dichloropropane	0.15	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
cis-1,3-Dichloropropene	0.02	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
trans-1,3-Dichloropropene	0.02	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Ethylbenzene	19	0.01 U	1.3	0.017 U	680	0.0079 U	0.016 U
2-Hexanone	--	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
4-Methyl-2-Pentanone	--	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Methylene Chloride	0.2	0.021 U	0.027 U	0.033 U	0.025 UJ	0.016 U	0.032 U
Styrene	18	0.01 U	0.014 U	0.017 U	0.77	0.0079 U	0.016 U
1,1,2,2-Tetrachloroethane	--	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Tetrachloroethene	0.3	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Toluene	29	0.01 U	0.095	0.017 U	11	0.0079 U	0.016 U
1,1,1-Trichloroethane	9.6	0.01 U	0.014 U	0.64	0.041 J	0.076	0.016 U
1,1,2-Trichloroethane	0.3	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
Trichloroethene	0.3	0.01 U	0.014 U	0.087	0.013 UJ	0.0079 U	0.016 U
Vinyl Chloride	0.07	0.01 U	0.014 U	0.017 U	0.013 UJ	0.0079 U	0.016 U
m,p-Xylene	150	0.01 U	0.024	0.017 U	1800	0.0079 U	0.016
o-Xylene	150	0.01 U	0.014 U	0.017 U	670	0.0079 U	0.016 U

Notes:

(1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.

(2) J - Indicates an estimated value.

(3) Shaded values exceeded Tier 1 screening level.

(4) -- Toxicity criteria not available for exposure route.

(5) WT ~ NE - Water Table Not Encountered.

Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

Compound/Analyte	Tier 1 Screening Level	Sample Location and Depth (feet below ground surface)/Concentration					
		SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
TCL Semivolatiles (mg/kg)							
Bis(2-chloroethoxy)methane	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Bis(2-chloroethyl)ether	0.0004	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Bis(2-ethylhexyl)phthalate	31,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Bromophenyl phenyl ether	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Butyl benzyl phthalate	930	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Carbazole	2.8	0.35 U	25	0.4 U	1.2 U	1.4	0.64
4-Chloro-3-methylphenol	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Chloroaniline	0.7	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Chloronaphthalene	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Chlorophenol	20	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Chlorophenyl phenyl ether	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Dibenzofuran	--	0.35 U	20	0.49	1.2 U	0.68	0.7
1,2-Dichlorobenzene	43	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,3-Dichlorobenzene	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,4-Dichlorobenzene	11	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
3,3'-Dichlorobenzidine	0.033	0.7 U	1 U	0.8 U	2.4 U	0.79 U	0.95 U
2,4-Dichlorophenol	1.00	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Diethyl phthalate	470	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Dimethyl phthalate	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Di-n-butyl phthalate	2,300	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2,4-Dimethylphenol	9	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4,6-Dinitro-2-methylphenol	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
2,4-Dinitrophenol	0.2	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
2,4-Dinitrotoluene	0.0008	0.27 U	0.39 U	0.3 U	0.89 U	0.3 U	0.36 U
2,6-Dinitrotoluene	0.0007	0.27 U	0.39 U	0.3 U	0.89 U	0.3 U	0.36 U
Di-n-octyl phthalate	10,000	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorobenzene	11	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorobutadiene	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachlorocyclopentadiene	2,200	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Hexachloroethane	2.6	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Isophorone	8	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Methylnaphthalene	--	0.35 U	12	2.8	17	0.62	0.47 U
2-Methylphenol	15	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
4-Methylphenol	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Nitroaniline	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
3-Nitroaniline	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
4-Nitroaniline	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
Nitrobenzene	0.1	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2-Nitrophenol	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
4-Nitrophenol	--	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
N-Nitrosodi-n-propylamine	0.00005	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
N-Nitrosodiphenylamine	5.6	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2,2'-Oxybis(1-Chloropropane)	--	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
Pentachlorophenol	0.14	1.7 U	2.5 U	1.9 U	5.7 U	1.9 U	2.3 U
Phenol	100	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
1,2,4-Trichlorobenzene	53	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U
2,4,5-Trichlorophenol	1,400	0.7 U	1 U	0.8 U	2.4 U	0.79 U	0.95 U
2,4,6-Trichlorophenol	0.77	0.35 U	0.52 U	0.4 U	1.2 U	0.4 U	0.47 U

Notes:

- (1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) Shaded values exceeded Tier 1 screening level.
- (3) WT ~ NE - Water Table Not Encountered.
- (4) -- Toxicity criteria not available for exposure route.

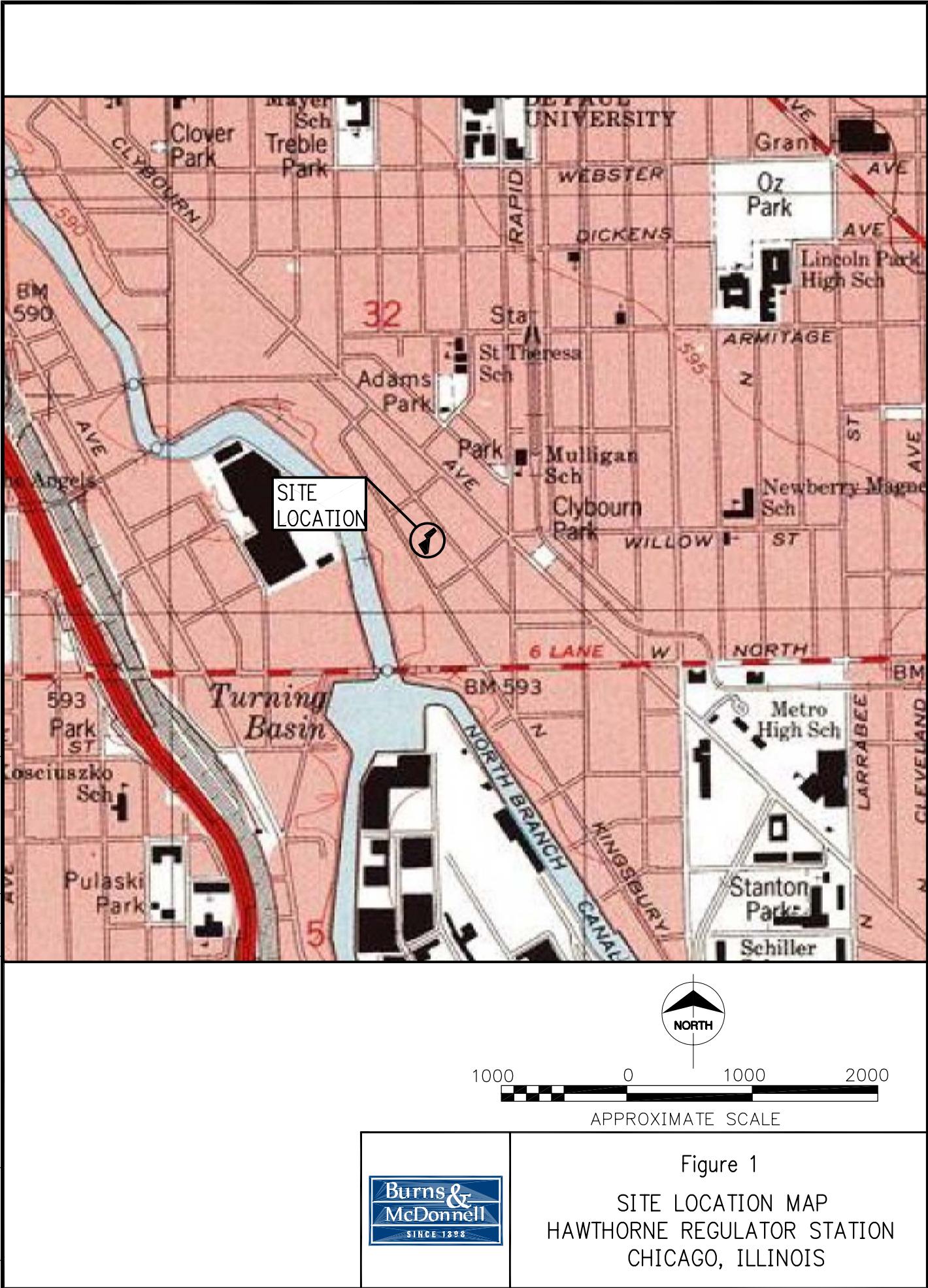
Table 8 (Continued)
 Tier 1 Screening: Class II Soil Migration to Groundwater Exposure Route
 Hawthorne Regulator Station

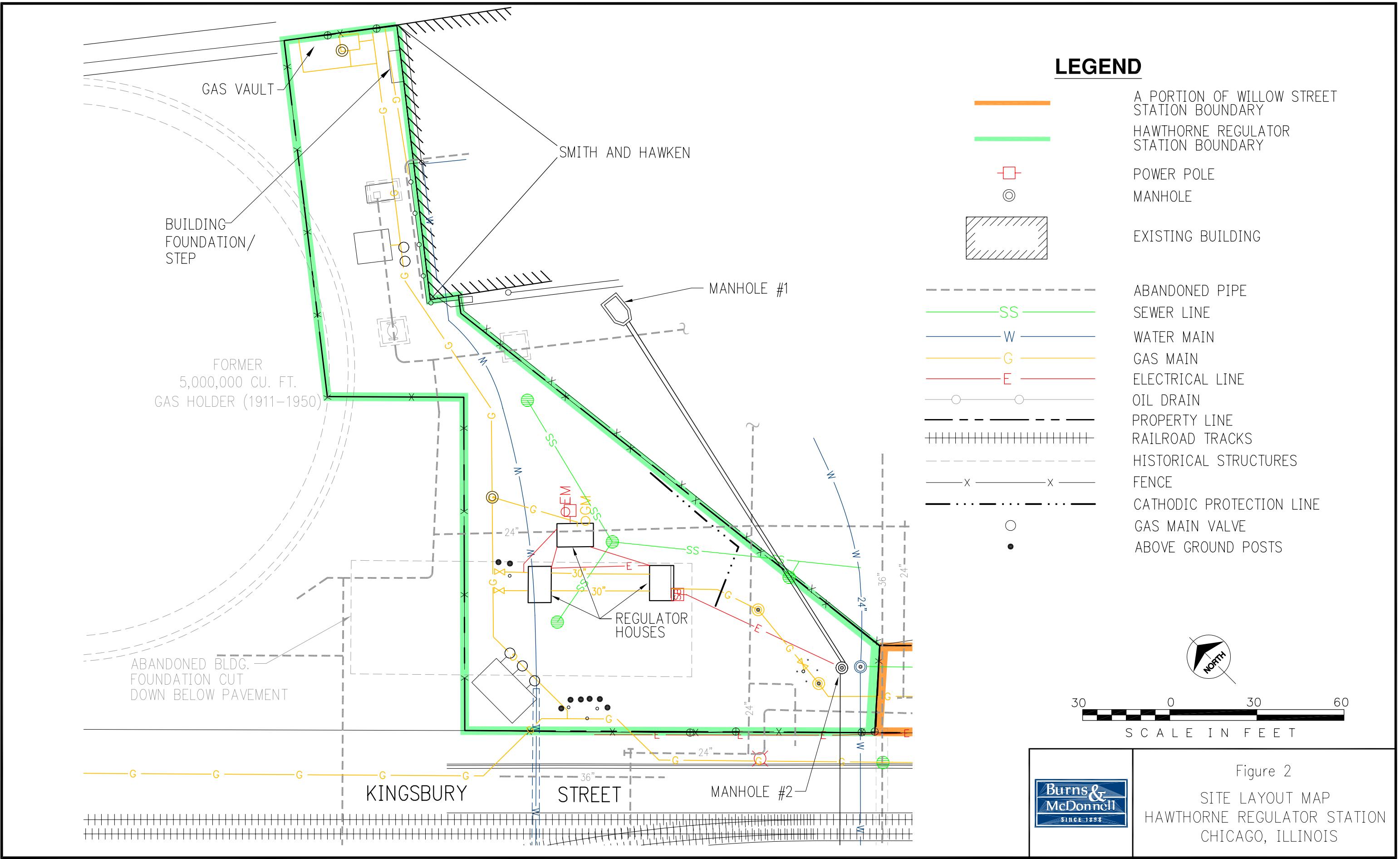
Compound/Analyte	Tier 1 Screening Level*	Sample Location and Depth (feet below ground surface)/Concentration					
		SP32-001 2-3	SP32-002 9-10	SP33-001 2-3	SP33-002 7-8	SP34-001 1-2	SP34-002 6-7
		WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE	WT ~ NE
PAHs (mg/kg)							
Acenaphthene	2,900	0.054	8.2	0.035	0.2	0.31	0.44
Acenaphthylene	--	0.027 U	2.6	0.11	0.39	0.3	0.28
Anthracene	59,000	0.11	22	0.16	0.23	1.7	2.3
Benzo(a)anthracene	8	2.4	23	0.64	1.1	5.6	6.6
Benzo(b)fluoranthene	82	5.3	11	0.77	0.27	3.4	4.6
Benzo(k)fluoranthene	25	3.7	6.9	0.49	0.33	2.8	3.2
Benzo(g,h,i)perylene	--	4	4.2	0.36	0.2	1.9	2.4
Benzo(a)pyrene	250	4.6	12	0.64	0.14	5.6	3.6
Chrysene	800	3.4	18	0.73	1.2	4.3	6.5
Dibenz(a,h)anthracene	7.6	1.5	2.2	0.11	0.089 U	1.1	1.1
Fluoranthene	21,000	1.6	52	1.2	1.9	7.6	9.9
Fluorene	2,800	0.043	21	0.073	0.46	0.44	0.74
Indeno(1,2,3-cd)pyrene	69	3.5	4	0.34	0.21	2.1	2.7
Naphthalene	18	0.14	7.1	2.2	180	0.64	0.54
Phenanthrene	--	0.51	82	1.6	2	4.9	5.2
Pyrene	21,000	1.8	37	1.2	2.4	7	9.6
PCBs (mg/kg)							
Aroclor 1016	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1221	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1232	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1242	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1248	--	0.085 U	0.13 U	0.097 U	0.099 U	0.096 U	0.11 U
Aroclor 1254	--	0.17 U	0.25 U	0.19 U	0.2 U	0.19 U	0.23 U
Aroclor 1260	--	0.17 U	0.25 U	0.19 U	0.2 U	0.19 U	0.23 U
Total PCBs	--	0.765 U	1.150 U	0.865 U	0.895 U	0.860 U	1.010 U
Priority Pollutant Metals and Total Cyanide (mg/kg)							
Antimony	20	1 UJ	3.6 J	4.6 J	1.2 UJ	3 J	1.6 J
Arsenic	120	2.3	14	19	7.8	10	15
Beryllium	1,000,000	0.5 U	2.5	2.1	0.64	0.97	0.68 U
Cadmium	4,300	0.5 U	1.4	1.9	0.6 U	0.59 U	0.83
Chromium**	28	6.9	220	26	16	15	19
Copper	330,000	10 J	59 J	76 J	42 J	45 J	210 J
Lead***	36	28 J	210	1600 J	250	330 J	2200
Mercury	40	0.43	0.21	1.3	0.14	1.3	2.2
Nickel	76,000	5.2 J	110	16 J	26	20 J	21
Selenium	2.4	1 U	1.5 U	1.4	1.2 U	1.2 U	1.6
Silver**	110	1 U	1.5 U	1.2 U	1.2 U	1.2 U	1.4 U
Thallium	38	1 U	1.5 U	1.2 U	1.2 U	1.2 U	1.4 U
Zinc	110,000	36	110 J	180	69 J	150	320 J
Total Cyanide	120	0.27 U	3.8	0.3 U	1.8	23	0.36 U

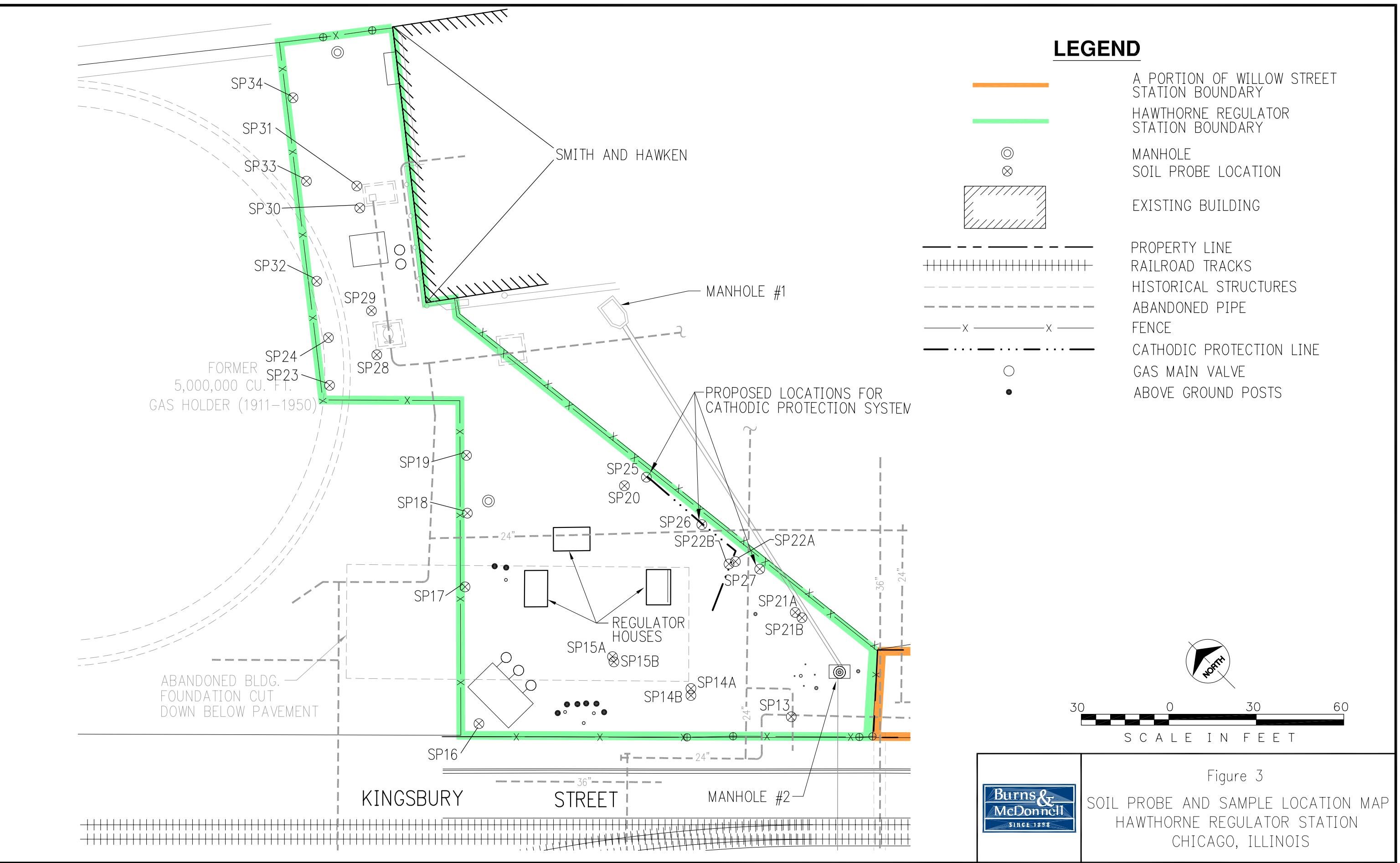
Notes:

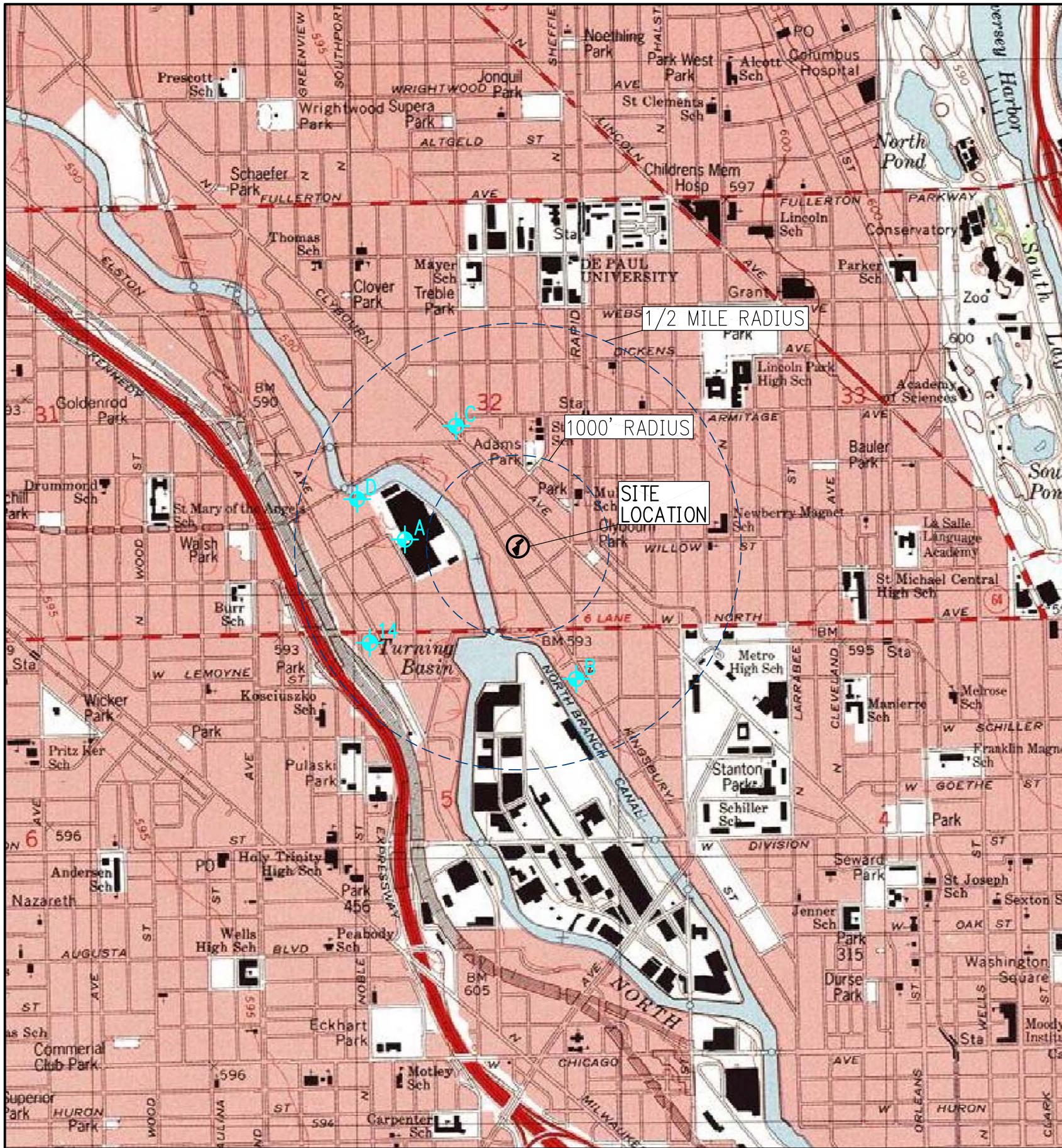
- (1) U - Indicates compound/analyte was analyzed for but not detected, the associated value is the sample reporting limit.
- (2) J - Indicates an estimated value.
- (3) WT ~ NE - Water Table Not Encountered.
- (4) Shaded values exceeded Tier 1 screening level.
- (5) -- Toxicity criteria not available for exposure route.
- (6) * - Toxicity criteria for metals and cyanide are only applicable to TCLP data, therefore pH-dependent screening levels for Class II groundwater were used.
- (7) ** - pH-dependent screening level was not available for Class II groundwater; therefore, pH-dependent screening level for Class I groundwater was used.
- (8) *** - Metropolitan statistical background value was used because no pH-dependent Tier 1 screening value is available.
- (9) SPLP analysis was conducted on 4 representative samples (SP18-001, SP33-001, SP24-001 and SP34-002) with total lead concentrations ranging from 870 to 2,200 mg/l. All SPLP results ranging from 0.0022 to 0.074 mg/l are below the Tier 1 screening level of 0.1 mg/l. Therefore, lead is not a constituent of concern for the soil migration to groundwater exposure route.

FIGURES
HAWTHORNE REGULATOR STATION









LEGEND



APPROXIMATE WELL LOCATION

WELL LOCATION	WELL ID	OWNER
A	415446087393901	UNKNOWN
B*	GIL 00020627 GIL 00020628 033853	UNKNOWN UNKNOWN PRIMA PRODUCTS
C*	034176 029507 034182 034186 029497 034187 034190	GUTMANN TANNERY CO. BIRK BREWING CO. JEFFERSON ICE CO. PLANT #5 NORTHWEST BREWERY ATLANTIC BREWING CO. PETER HAND BREWERY CO. SPIELMAN BROS. VINEGAR WORK
D	415455087394501	UNKNOWN
14	033819	CHICAGO BREWERY CO.

NOTES

1. * BASED ON AVAILABLE INFORMATION, SEVERAL WELLS MAY EXIST AT WELL LOCATIONS B & C.
 2. DATA OBTAINED FROM ENVIRONMENTAL DATA RESOURCES (EDR 2003), INCLUDING FEDERAL UNITED STATES GEOLOGICAL SURVEY, ILLINOIS STATE GEOLOGICAL SURVEY, AND ILLINOIS STATE WATER SURVEY.

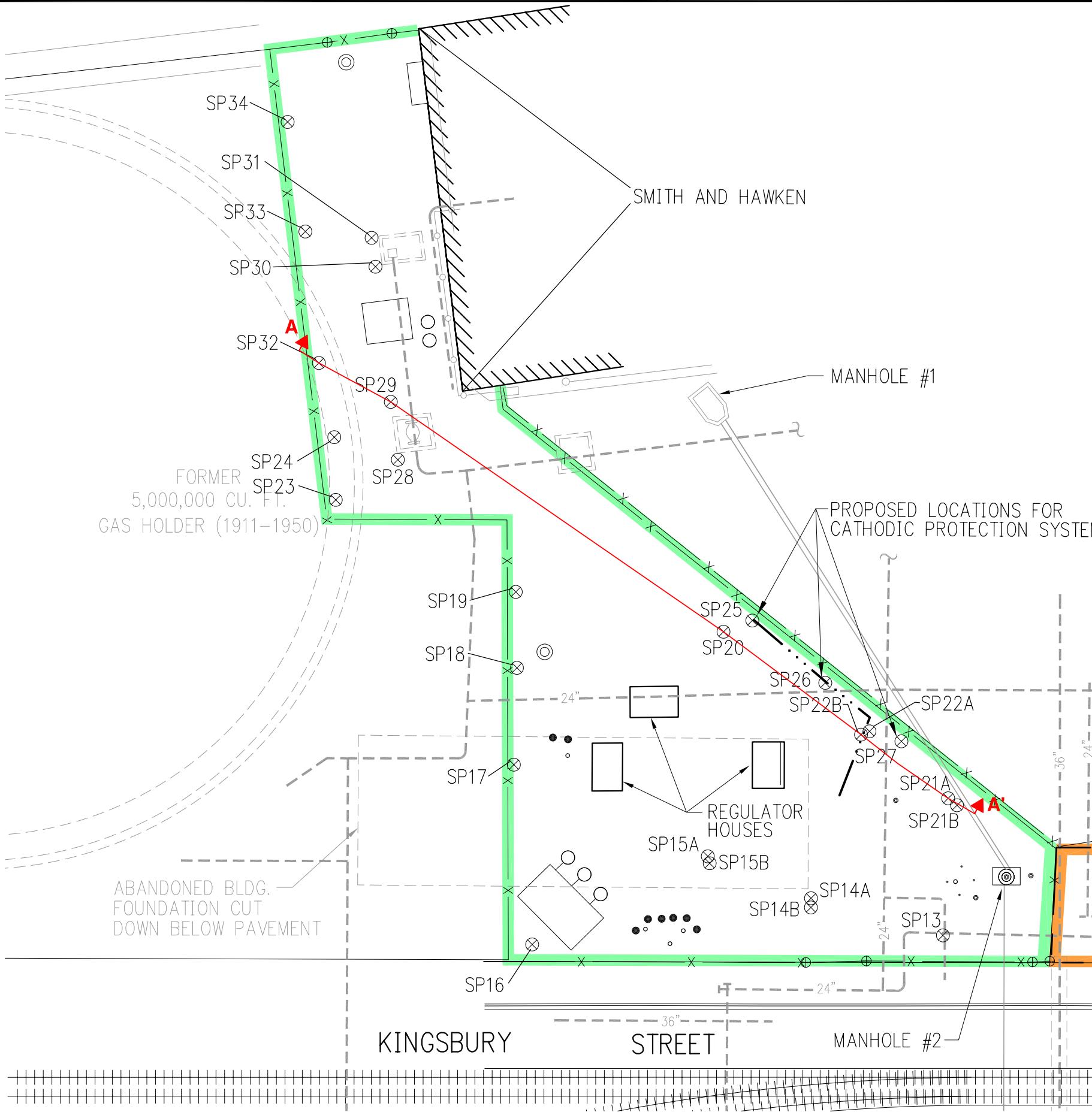


APPROXIMATE SCALE

Figure 4

SURROUNDING AREA WELL LOCATION MAP
HAWTHORNE REGULATOR STATION
CHICAGO, ILLINOIS





LEGEND

- A legend for a site map showing various boundary types and feature locations. The legend includes:

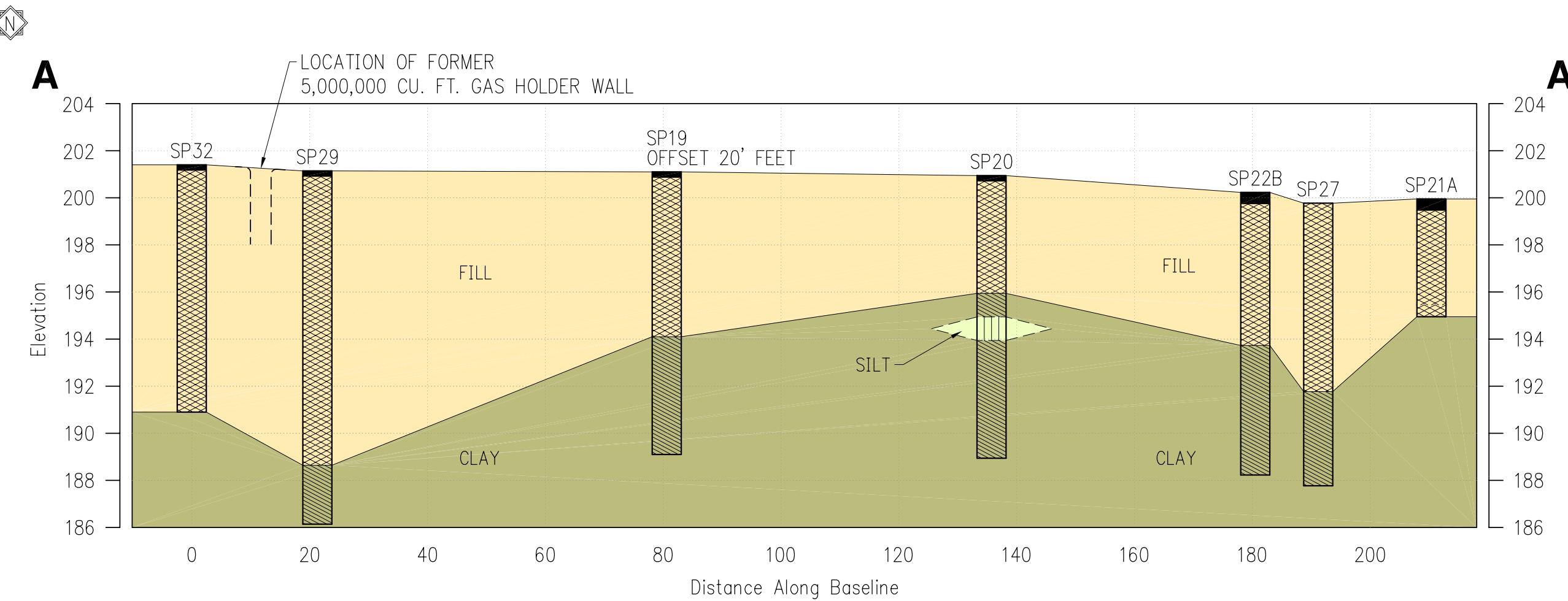
 - Orange solid line: A PORTION OF WILLOW STREET STATION BOUNDARY
 - Green solid line: HAWTHORNE REGULATOR STATION BOUNDARY
 - Circle with dot: MANHOLE
 - Circle with cross: SOIL PROBE LOCATION
 - Hatched rectangle: EXISTING BUILDING
 - Solid line with dashes: PROPERTY LINE
 - Dash-dot line: RAILROAD TRACKS
 - Dash-dot-dot line: HISTORICAL STRUCTURES
 - Solid line with 'X' markers: ABANDONED PIPE
 - Solid line with 'X' markers: FENCE
 - Solid line with dots: CATHODIC PROTECTION LINE
 - Open circle: GAS MAIN VALVE
 - Black dot: ABOVE GROUND POSTS
 - Red arrowheads labeled 'A' and 'A'' pointing upwards: GEOLOGIC CROSS-SECTION LOCATION



SCALE

Figure 5

GEOLOGIC CROSS-SECTION LOCATION MAP
HAWTHORNE REGULATOR STATION
CHICAGO, ILLINOIS



LEGEND

[Solid Yellow Box]	FILL
[Solid Green Box]	CLAY
[Solid Light Green Box]	SILT
---	PRESUMED LITHOLOGY

[Diagonal Hatching Box]	FILL
[Horizontal Hatching Box]	CLAY
[Vertical Hatching Box]	SILT
[Cross-Hatching Box]	ASPHALT

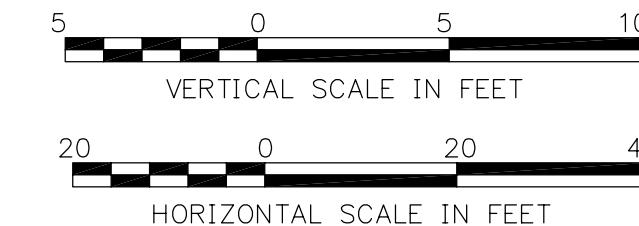
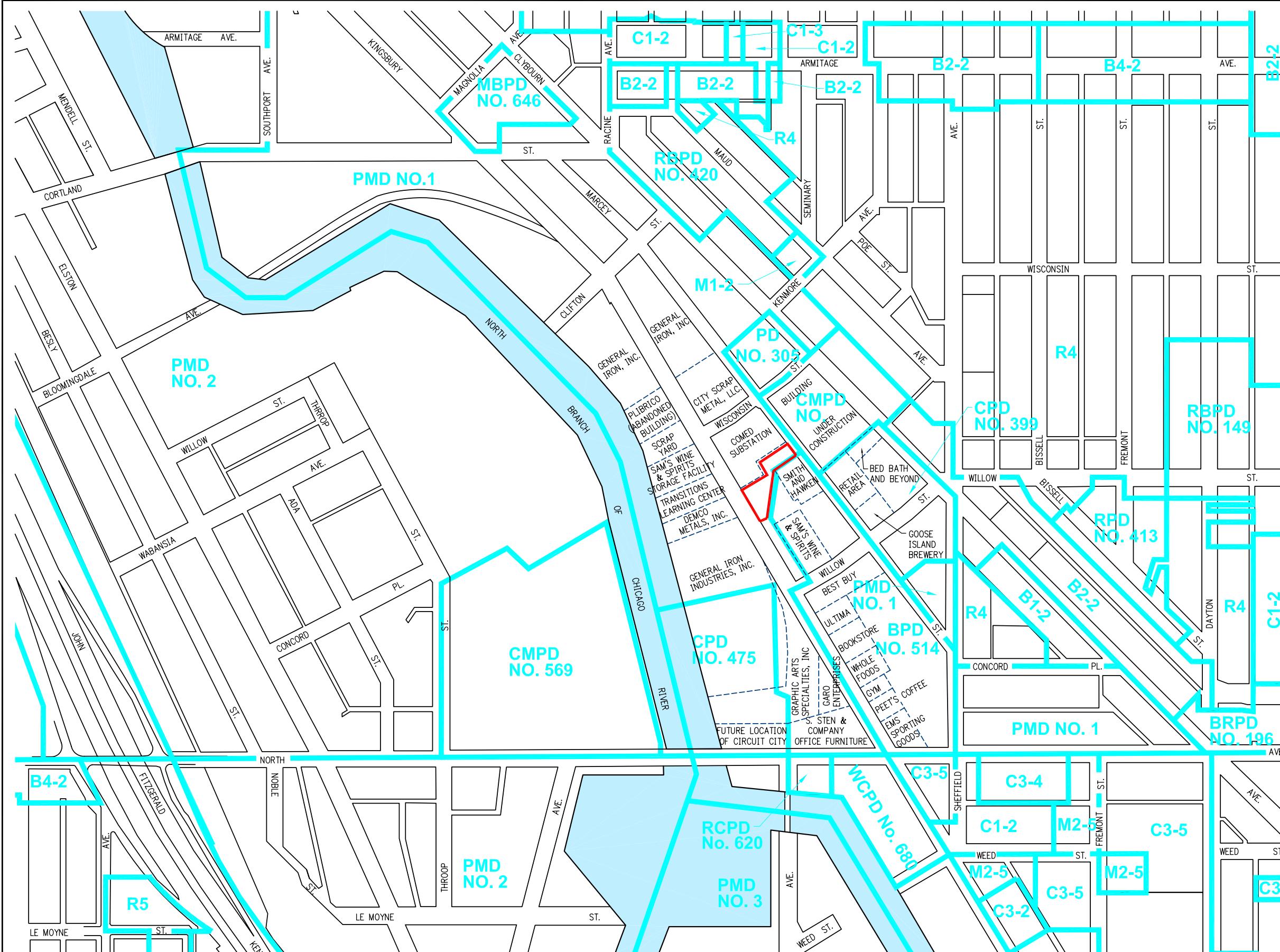


Figure 6
GENERALIZED CROSS-SECTION A-A'
HAWTHORNE REGULATOR STATION
CHICAGO, ILLINOIS

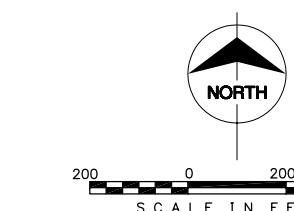


LEGEND	
M1-2, R3	ZONING CODES
Cyan Line	ZONING BORDERS
Red Line	HAWTHORNE REGULATOR STATION PROPERTY BOUNDARY
Dashed Line	APPROXIMATE LOCATION OF ADJACENT PROPERTIES

ZONING DISTRICTS

B1-2	LOCAL RETAIL DISTRICT
B2-2	RESTRICTED RETAIL DISTRICT
B4-2	RESTRICTED SERVICE DISTRICT
BPD	BUSINESS PLANNED DEVELOPMENT
BRPD	BUSINESS RESIDENTIAL PLANNED DEVELOPMENT
C1-2	RESTRICTED COMMERCIAL DISTRICT
C1-3	RESTRICTED COMMERCIAL DISTRICT
C3-3	COMMERCIAL MANUFACTURING DISTRICTS
C3-4	COMMERCIAL MANUFACTURING DISTRICTS
C3-2	COMMERCIAL MANUFACTURING DISTRICTS
C3-5	COMMERCIAL MANUFACTURING DISTRICTS
CPD	COMMERCIAL PLANNED DEVELOPMENT
CMPD	COMMERCIAL MANUFACTURING PLANNED DEVELOPMENT
M1-2	RESTRICTED MANUFACTURING DISTRICT
M2-5	GENERAL MANUFACTURING DISTRICT
M3-4	HEAVY MANUFACTURING DISTRICT
MBPD	MANUFACTURED BUSINESS PLANNED DEVELOPMENT
PD	PLANNED RESIDENTIAL
PMD	PLANNED MANUFACTURING DISTRICT
R3	GENERAL RESIDENCE DISTRICT
R4	GENERAL RESIDENCE DISTRICT
R5	GENERAL RESIDENCE DISTRICT
RCPD	RESTRICTED COMMERCIAL PLANNED DISTRICT
RPD	RESIDENTIAL PLANNED DEVELOPMENT
WCPD	WATERWAY COMMERCIAL PLANNED DEVELOPMENT

- NOTES:
1. SITE IS LOCATED IN SECTION 32, TOWNSHIP 40 NORTH, RANGE 14 EAST IN CITY OF CHICAGO, ILLINOIS IN THE NORTH TOWNSHIP OF COOK COUNTY.
 2. SOURCE: CHICAGO ZONING ORDINANCE (WEB VERSION, JUNE 2003)



SCALE IN FEET

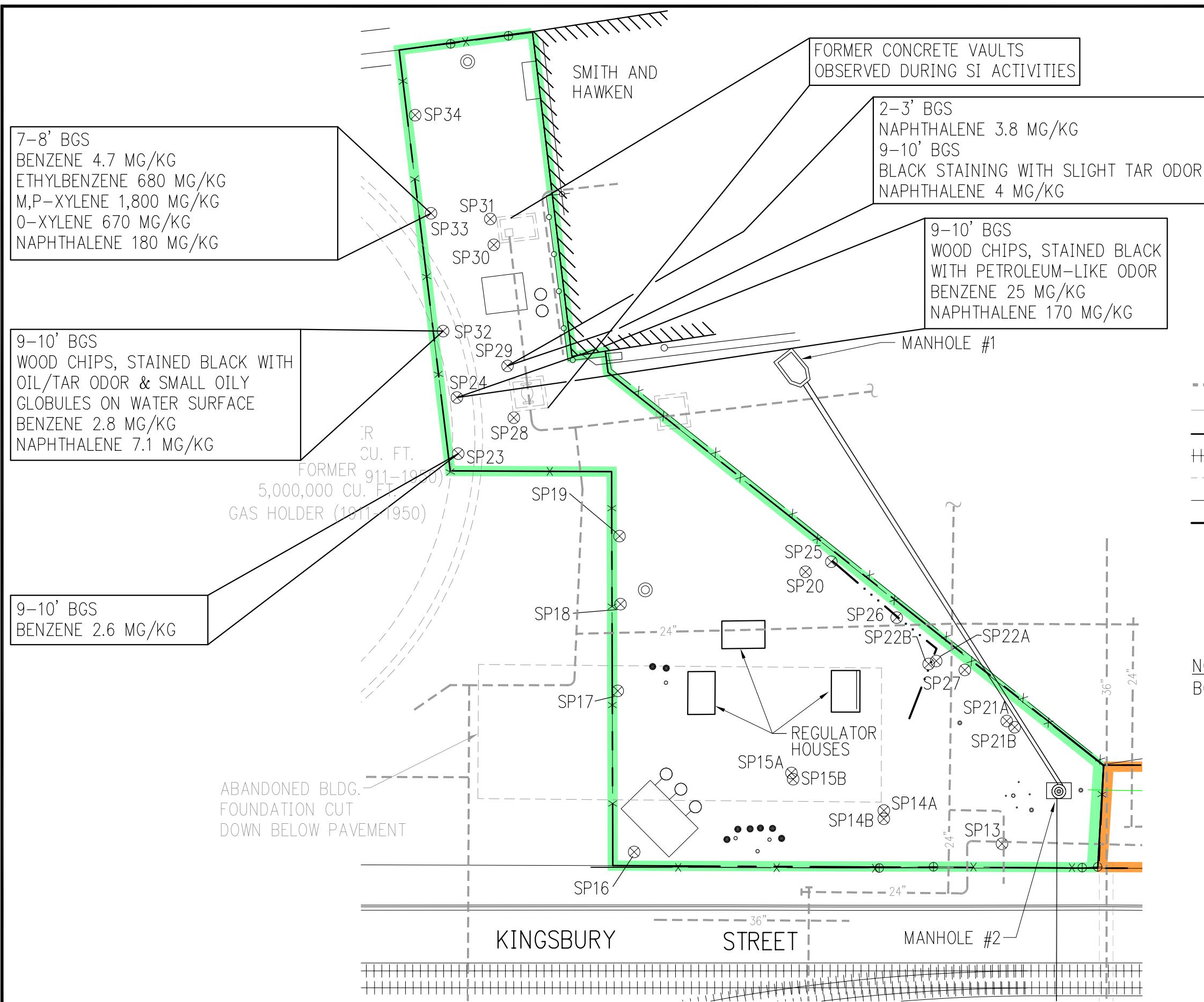


THE PEOPLES GAS
LIGHT AND COKE COMPANY
CHICAGO, ILLINOIS

Figure 7	
SURROUNDING AREA MAP	
HAWTHORNE REGULATOR STATION	
CHICAGO, ILLINOIS	
project	contract
drawing	rev.
sheet	of sheets
file: E:\PEOPLES GAS\HAWTHORNE AVE STATION-291681.CAD\REGULATOR STATION\SURROUNDING AREA	

date
6-11-03
designed

detailed
GA
checked



LEGEND

- A PORTION OF WILLOW STREET STATION BOUNDARY
- HAWTHORNE REGULATOR STATION BOUNDARY
- POWER POLE
- MANHOLE
- SOIL PROBE LOCATION
- EXISTING BUILDING
- ABANDONED PIPE
- OIL DRAIN
- PROPERTY LINE
- RAILROAD TRACKS
- HISTORICAL STRUCTURES
- FENCE
- CATHODIC PROTECTION LINE
- GAS MAIN VALVE
- ABOVE GROUND POSTS

NOTE:

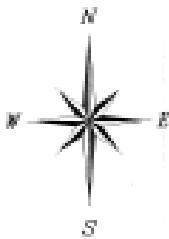
BGS = BELOW GROUND SURFACE



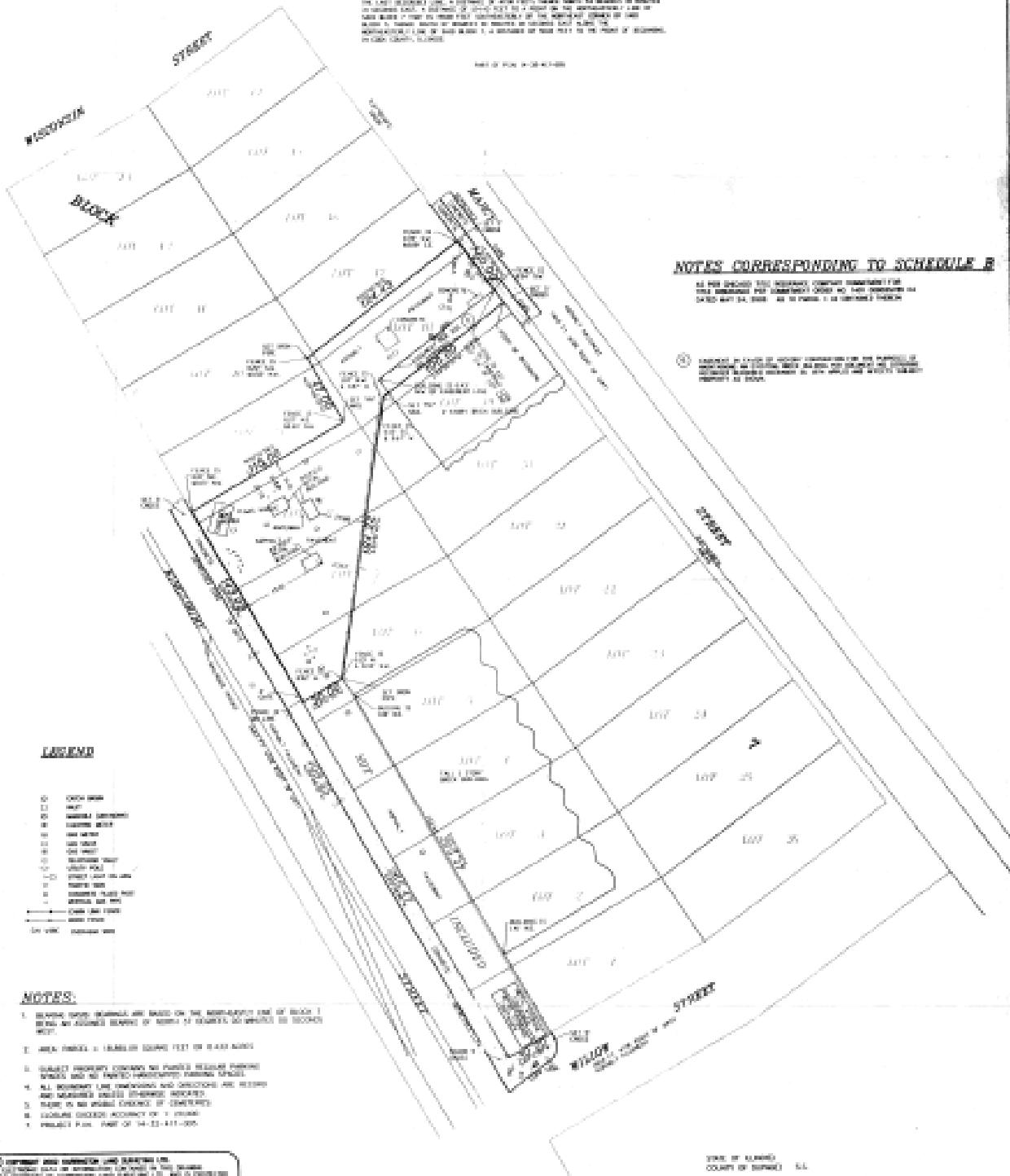
Figure 8
SUMMARY OF FINDINGS MAP
HAWTHORNE REGULATOR STATION
CHICAGO, ILLINOIS

**APPENDIX A
PLAT OF SURVEY
HAWTHORNE REGULATOR STATION**

ALTA/ACSM LAND TITLE SURVEY



the first time in history that the people of the world have been given a clear choice between two systems of government. The people of the world have been given a clear choice between two ways of life. Every man, woman, and child on earth now has a responsibility to determine which way he will go. The choice is up to us.



NOTES

1. REVIEW REPORTS, WHICH ARE BASED ON THE INVESTIGATION OF EACH I
SERIAL AND ASSOCIATED REPORTS OR LETTERS BY GOVERNMENT AUTHORITIES TO SECURE
EVIDENCE.
 2. CHECK REPORTS & INSPECTION REPORTS FOR EVIDENCE.
 3. CHECK REPORTS PREPARED BY POLICE DEPARTMENTS
FOR EVIDENCE OF HOMICIDE, ROBBERY, BURGLARY, ETC.
 4. INVESTIGATIVE CASES PREPARED AND SUBMITTED BY POLICE
AND GOVERNMENT AUTHORITIES REPORTS.
 5. REPORTS IN OTHER DIVISIONS OF GOVERNMENT.
 6. GOVERNMENT DIRECTOR'S ACCOUNT OF I. CRIMINAL
 7. POLICE RECORDS OF CASES OF 14-15-16-17-18-19-20.

ANSWER

To the person who you can trust, never forget your love, and
cherish this memory forever.

THIS IS TO CERTIFY THAT THIS WAS THE FIFTH AND THE LAST DAY ON WHICH IT IS
MADE TO PAY, OR IS RECEIVED BY THE DEFENDANT, THE SUM OF EIGHT HUNDRED
THIRTY-THREE DOLLARS AND FORTY-FIVE CENTS, WHICH AMOUNT WAS
DEPOSITED IN THE BANK OF NEW YORK, AND PAYABLE TO THE ACCORDING
DEFENDANT, OR DEPOSITED IN HIS BANK ACCOUNT IN EFFECT ON THE DATE OF
THE CERTIFICATION OF AN ATTORNEY.

2021-2022

Ronald W. Mays
MAYOR, CITY OF BIRMINGHAM, ALABAMA, TERM NO. 14-15

APPENDIX B
EDR RADIUS MAP WITH GEOCHECK®
HAWTHORNE REGULATOR STATION



The EDR Radius Map with GeoCheck®

Willow Street Station
1701 Kingsbury Street
Chicago, IL 60614

Inquiry Number: 907691.1s

January 08, 2003

***The Source
For Environmental
Risk Management
Data***

3530 Post Road
Southport, Connecticut 06890

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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GEOCHECK ADDENDUM

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

1701 KINGSBURY STREET
CHICAGO, IL 60614

COORDINATES

Latitude (North): 41.912900 - 41° 54' 46.4"
Longitude (West): 87.656300 - 87° 39' 22.7"
Universal Tranverse Mercator: Zone 16
UTM X (Meters): 445571.1
UTM Y (Meters): 4640100.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2441087-H6 CHICAGO LOOP, IL
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 5 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
PEOPLES GAS LIGHT & COKE WILLOW ST STA 1701-1763 KINGSBURY CHICAGO, IL 60614	CERCLIS FINDS	ILD982074759

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

IMPDMENT..... Surface Impoundment Inventory

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees

EXECUTIVE SUMMARY

ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 08/15/2002 has revealed that there is 1 CERCLIS site within approximately 0.625 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FRANCHE D C & CO	1401-90 W WABANIA AVE	1/4 - 1/2 W	U85	75

CERCLIS-NFRAP: As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 09/15/2002 has revealed that there are

EXECUTIVE SUMMARY

2 CERC-NFRAP sites within approximately 0.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ACCURATE DIE & STAMPING COMPAN	1947 NORTH MAUD AVENUE	1/4 - 1/2N	47	49
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ELKWOOD PLATING INCORPORATED	1657 NORTH ELSTON AVENU	1/4 - 1/2W	T88	80

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 09/29/2002 has revealed that there are 4 CORRACTS sites within approximately 1.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LISNNER CORP	1000 N OGDEN AVE	1 - 2 S	139	114
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ELKWOOD PLATING INCORPORATED	1657 NORTH ELSTON AVENU	1/4 - 1/2W	T88	80
AERO PLATING WORKS	1860 N ELSTON	1/2 - 1 WNW X108		94
REICHOLD CHEMICALS	2100 N ELSTON AVE	1/2 - 1 NW AC131		108

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-TSD list, as provided by EDR, and dated 09/09/2002 has revealed that there is 1 RCRIS-TSD site within approximately 0.625 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AERO PLATING WORKS	1860 N ELSTON	1/2 - 1 WNW X108		94

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 9 RCRIS-LQG sites within approximately 0.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
GREAT LAKES TERMINAL & TRANSPO	1750 N KINGSBURY ST	0 - 1/8 NNE	A3	21
BATES INC	1840 N MARCEY ST	1/8 - 1/4N	B14	28
LUCKY 1 HR CLEANERS	1745 N SHEFFIELD AVE	1/8 - 1/4E	18	31
MULLIGAN SCHOOL	1855 N SHEFFIELD	1/8 - 1/4NE	32	40
BUDGET RENT A CAR	1135 W ARMITAGE	1/4 - 1/2N	S79	71
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PROCTER & GAMBLE MFG CO	1232 W NORTH AVE	1/8 - 1/4SSW	F22	33
U S STEEL CORP SUPPLY DIV PAIN	1649 N THROOP ST	1/8 - 1/4W	33	40

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SVC ABOVE BEYOND FRANCHE D C & CO	1512 N TROOP 1401-90 W WABANSIA AVE	1/4 - 1/2SW 1/4 - 1/2W	71 U85	65 75

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/09/2002 has revealed that there are 24 RCRIS-SQG sites within approximately 0.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
TRIZECHAHN CLYBOURN TECH CTR	1840 N CLYBOURN AVE	1/8 - 1/4 NE	C12	27
DURACO INC	1025 W NORTH AVE	1/8 - 1/4 SE	G23	34
S STEIN & COMPANY	1030 W NORTH AVE	1/8 - 1/4 SE	G24	35
LOCK UP CLYBOURN	1920 N CLYBOURN ST	1/8 - 1/4 N	25	35
HANLEY DAWSON TECH CTR	1630 N SHEFFIELD	1/8 - 1/4 SE	E26	36
GENERAL IRON INDUSTRIES INC	1909 N CLIFTON AVE	1/8 - 1/4 NNW	H30	38
SWAN CLEANERS	1953 N CLYBOURN	1/8 - 1/4 N	I35	41
CHICAGO ETCHING CORP	1555 N SHEFFIELD	1/4 - 1/2 SE	K43	47
HITACHI INSTRUMENTS	1928 N SHEFFIELD	1/4 - 1/2 NE	46	48
GOLD COAST AUTO BODY	925 W NORTH AVE	1/4 - 1/2 ESE	L50	50
MIDWEST ZINC DIV OF US ZINC	1001 W WEED ST	1/4 - 1/2 SSE	M53	52
LAKE CITY PLATING WORKS INC	917 W NORTH AVE	1/4 - 1/2 ESE	L54	52
FIRESTONE	909 W NORTH AVE	1/4 - 1/2 ESE	L61	57
SEIGLES ANZALONE BLDG CTR	900 W NORTH AVE	1/4 - 1/2 ESE	P68	62
AMERICAN AUTOMOTIVE PARTS INC	900 W WEED	1/4 - 1/2 SE	Q81	73
HEDMAN LOFTS	1158 W ARMITAGE AVE	1/4 - 1/2 N	83	74

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HOME DEPOT #1912	1232 W NORTH AVE	1/8 - 1/4 SSW	F21	33
CHICAGO CITY OF FLEET ADMIN	1685 N TROOP	1/4 - 1/2 W	J37	42
DAVIES PLATING INC	1620 N TROOP	1/4 - 1/2 WSW	39	44
KILOBAR COMPACTING CORP	1700 N TROOP ST	1/4 - 1/2 WNW	J57	55
WELDING APPARATUS CO	1668 N ADA ST	1/4 - 1/2 W	N58	56
JAMES PRECIOUS METALS PLATING	1609-11 ELSTON AVE	1/4 - 1/2 WSW	R76	69
ELKWOOD PLATING INCORPORATED	1657 NORTH ELSTON AVENU	1/4 - 1/2 W	T88	80
AMOCO 15691	1600 N ELSTON AND NORTH	1/4 - 1/2 WSW	R89	81

STATE ASTM STANDARD

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Illinois Environmental Protection Agency's Category List.

A review of the SHWS list, as provided by EDR, has revealed that there is 1 SHWS site within approximately 1.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ELECTRO FINISHERS	1662 W. FULLERTON	1 - 2 NW	140	114

EXECUTIVE SUMMARY

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Illinois Environmental Protection Agency's Available Disposal for Solid Waste in Illinois--Solid Waste Landfills Subject to State Surcharge list.

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF site within approximately 0.625 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WASTE MGT.-METRO/CHICAGO TRANS	1500 N. HOOKER ST.	1/2 - 1 SSE	118	102

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 11/20/2002 has revealed that there are 37 LUST sites within approximately 0.625 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
TRIZEC HAHN TECHNOLOGY CENTER	1840 NORTH CLYBOURN	1/8 - 1/4 NE	C10	26
GENERAL IRON INDUSTRIES	1066 WEST NORTH AVE.	1/8 - 1/4 SSE	D16	29
URBCON INC.	1714 NORTH SHEFFIELD	1/8 - 1/4 ESE	E20	32
SCHULA ASSOC. LTD. PARTNERSHIP	1630 NORTH SHEFFIELD	1/8 - 1/4 SE	E27	36
MCZ DEVELOPMENT INC.	1555 NORTH SHEFFIELD	1/4 - 1/2 SE	K40	44
ST. TERESA CATHOLIC CHURCH	1930 NORTH KENMORE	1/4 - 1/2 NNE	48	49
NORTH AVE. COLLECTION	925 WEST NORTH AVE.	1/4 - 1/2 ESE	L49	50
SIEGLE'S HOME & BLDG CTR.	900 WEST NORTH AVE.	1/4 - 1/2 ESE	P66	61
SEIGLE'S HOME & BUILDING CENTE	900 WEST NORTH AVE.	1/4 - 1/2 ESE	P67	61
OFF TRACK BETTING	911 WEED ST., 901-911 W	1/4 - 1/2 SE	Q72	65
TRI EQUITIES LLC	865 WEST NORTH AVE.	1/4 - 1/2 ESE	P78	70
BUDGET RENT A CAR	1135 W ARMITAGE	1/4 - 1/2 N	S79	71
CARBIT PAINT CO	927 W BLACKHAWK ST	1/4 - 1/2 SE	W97	86
CAR BIT PAINT CO.	927 WEST BLACKHAWK ST.	1/4 - 1/2 SE	W98	87
DUPAGE AIRPORT AUTHORITY	31 W 775 NORTH AVE.	1/4 - 1/2 ESE	100	88
A. FINKL & SONS CO.	1900 NORTH SOUTHPORT AV	1/4 - 1/2 NW	101	89
AMOCO OIL CO. #5093	1560 NORTH HALSTED	1/4 - 1/2 ESE	104	91
GENERAL PAINT & CHEMICAL CO BL	823 W BLACKHAWK AVE	1/4 - 1/2 SE	105	91
FR. DONALD OURS	2130 NORTH KENMORE AVE.	1/2 - 1 N	106	93
EQUILON ENTERPRISES	1525 WEST NORTH AVE.	1/2 - 1 WSW	Y109	96
SHELL OIL CO	1525 W NORTH AVE	1/2 - 1	WSW Y110	97
GOMEZ SHELL	1525 WEST NORTH AVE.	1/2 - 1	WSW Y111	98
SCRIBCOR INC.	1533 WEST NORTH AVE.	1/2 - 1	WSW Y112	98
CHICAGO PARK DIST.	1419 WEST BLACKHAWK	1/2 - 1	SW	113
CHICAGO HOUSING AUTHORITY	1531 WEST CLYBOURN AVE.	1/2 - 1	ESE	114
COMETCO	1509 WEST CORTLAND	1/2 - 1	WNW	Z116
CHICAGO WELDING & BOILER REPAI	2145 NORTH CLYBOURN AVE	1/2 - 1	NNW	120

Lower Elevation	Address	Dist / Dir	Map ID	Page
RMHC CORP.	1535 NORTH ELSTON AVE.	1/4 - 1/2 SW	O74	68
R.S. INDUSTRIES INC.	1651 NORTH ELSTON AVE.	1/4 - 1/2 W	T84	75
MUSKIE ENTERPRISES	1401 WEST NORTH AVE.	1/4 - 1/2 WSW	R91	82
NORTHTOWN AUTOMOTIVE	1400 WEST NORTH AVE.	1/4 - 1/2 WSW	R92	82
KLEMP CORP	1132 BLACKHAWK	1/4 - 1/2 S	V95	85
REXROAD HANNA CORP.	1765 NORTH ELSTON	1/4 - 1/2 W	99	88
MORTON SALT CO.	1357 NORTH ELSTON AVE.	1/4 - 1/2 SSW	102	89

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
NATIONAL BY PROD. EXOHO ASSOC. LTD. PARTNERSHIP FIRE KING SERVICE INC.	1371 NORTH NORTH BRANCH 1824 NORTH BESLY 1901 NORTH ELSTON AVE.	1/4 - 1/2S 1/2 - 1 1/2 - 1	103 WNW X107 WNW Z117	90 93 101

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the UST list, as provided by EDR, and dated 12/04/2002 has revealed that there are 31 UST sites within approximately 0.375 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GREAT LK TERMINAL/TRANSPORT	1750 N KINGSBURY ST	0 - 1/8 NNE	A2	5
HICKORY CORP	1780 N MARCEY ST	0 - 1/8 NNE	5	21
FORMER ARTMARK BUILDING	1840 N CLYBOURN	1/8 - 1/4NE	C11	27
REPUBLIC PIP & SUPPLY CO	1885 N CLYBOURN	1/8 - 1/4NNE	15	28
GENERAL IRON INDUSTRIES	1066 W. NORTH AVENUE	1/8 - 1/4 SSE	D17	30
URBCON INC	1714 N SHEFFIELD AVE	1/8 - 1/4ESE	E19	32
HANLEY DAWSON TECH CTR	1630 N SHEFFIELD AVE	1/8 - 1/4SE	E28	37
GENERAL IRON INDUSTRIES INC	1909 N CLIFTON AVE	1/8 - 1/4NNW	H31	39
WEED ST II LTD PARTNERSHIP	1001 W NORTH AVE	1/8 - 1/4SE	34	41
CHICAGO BOILER CO	1965 CLYBOURN AVE	1/4 - 1/2NNW	I36	42
MCZ DEVELOPMENT INC	1555 N SHEFFIELD	1/4 - 1/2SE	K42	45
REPUBLIC PIPE & SUPPLY CO	1970 CLYBOURN AVE	1/4 - 1/2NNW	I44	47
VACANT PROPERTY	947 W NORTH AVE	1/4 - 1/2ESE	L45	48
LOEBER MOTORES	925 W NORTH AVE	1/4 - 1/2ESE	L51	51
VACANT PRPERTY	915-17 W NORTH AVE	1/4 - 1/2ESE	L56	53
SEIGLE HOMES CENTER	900 W NORTH AVE	1/4 - 1/2ESE	P65	59
865 W NORTH AVE BUILDING	865 W NORTH AVE	1/4 - 1/2ESE	P77	70
BUDGET RENT A CAR SYSTEM, INC.	1135 W. ARMITAGE	1/4 - 1/2N	S80	72
BARRISTER DEVELOP	901 W WEED	1/4 - 1/2SE	Q82	74
ST THERESA OF AVILA	1037 W ARMITAGE AVE	1/4 - 1/2NN	90	81

Lower Elevation	Address	Dist / Dir	Map ID	Page
PROCTER & GAMBLE MFG CO	1232 W N AVE	1/8 - 1/4WSW	8	23
DEPT OF FLEET MGMT	1685 N THROOP ST	1/4 - 1/2W	J38	43
1348 W CONCORD BLDG	1348 W CONCORD	1/4 - 1/2WSW	N60	57
MUSKIE ENTERPRISES	1322 W NORTH AVE	1/4 - 1/2WSW	O63	58
AMOCO SS #15691/FAC #24662	1600 N ELSTON	1/4 - 1/2WSW	R73	66
ELSTON INVESTORS LLC	1535 N ELSTON AVE	1/4 - 1/2SW	O75	69
FORMER D C FRANCHE PAIN	1401 WABANSIA AVE	1/4 - 1/2W	U86	76
COLUMBIA GRANT HOSPITAL WH	1400 WABANSIA	1/4 - 1/2W	U87	79
ELKWOOD PLATING INCORPORATED	1657 NORTH ELSTON AVENU	1/4 - 1/2W	T88	80
NORTOWN AUTOMOTIVE	1400 W. NORTH AVE.	1/4 - 1/2WSW	R93	83
TRI R VENDING ARMO CROP	1401 W NORTH AVE	1/4 - 1/2WSW	R94	83

CAT:Illinois Category List.

A review of the CAT list, as provided by EDR, and dated 06/01/1997 has revealed that there is 1 CAT site within approximately 1.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MIDWEST INDUSTRIAL METALS CORP	1111 N CHERRY AVE	1/2 - 1 SSE	130	108

EXECUTIVE SUMMARY

STATE OR LOCAL ASTM SUPPLEMENTAL

A review of the SRP list, as provided by EDR, and dated 11/12/2002 has revealed that there are 29 SRP sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PEOPLES GAS AND LIGHT	1700 NORTH MARCEY STREET	0 - 1/8 E	6	22
PEOPLES GAS AND LIGHT	1818-1854 NORTH MARCEY	1/8 - 1/4 N	B7	23
TRIZEC HAHN CLYBOURN TECHNOLOG	1840 NORTH CLYBOURN AVE	1/8 - 1/4 NE	C9	26
MCZ DEVELOPMENT	1555 NORTH SHEFFIELD AV	1/4 - 1/2 SE	K41	45
MIDWEST ZINC	1001 WEST WEED STREET	1/4 - 1/2 SSE	M52	51
LAKE CITY PLATING WORKS	917 WEST NORTH AVENUE	1/4 - 1/2 ESE	L55	53
ACHIEVOR TIRE, L.P.	2000 NORTH CLYBOURN AVE	1/4 - 1/2 NNW	64	59
923 WEST WEED STREET L.L.C.	923 WEST WEED STREET	1/4 - 1/2 SE	Q70	64
COMETCO CORPORATION	1509 WEST CORTLAND STRE	1/2 - 1 WNW	Z115	100
NORTHTOWN VILLAGE	1421 NORTH HALSTED STRE	1/2 - 1 SE	AA119	102
NORTH TOWN VILLAGE	1401 NORTH HALSTED STRE	1/2 - 1 SE	AA121	103
PEOPLES GAS AND LIGHT	1241 WEST DIVISION STRE	1/2 - 1 SSW	AB125	105
ACHIEVOR TIRE, L.P.	1500 WEST WEBSTER	1/2 - 1 NW	129	107
OLD TOWN VILLAGE WEST	1198 NORTH HOWE STREET	1/2 - 1 SE	135	112
WANLAND & ASSOCIATES, INC.	1630 WEST DIVISION STRE	1/2 - 1 SW	137	113
PEOPLES GAS AND LIGHT	NW CORNER CROSBY / HO	1/2 - 1 SE	138	113
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SOUTH CHICAGO CABLE, INC.	1255 WEST NORTH AVENUE	1/8 - 1/4 SW	F29	38
1348 WEST CONCORD BUILDING	1348 WEST CONCORD PLACE	1/4 - 1/2 WSW	N59	56
MUSKIE ENTERPRISES	1322 WEST NORTH AVENUE	1/4 - 1/2 WSW	O62	58
ADAMA, LLC	1501 NORTH MAGNOLIA	1/4 - 1/2 SSW	69	62
KLEMP CORPORATION	1132 BLACKHAWK STREET	1/4 - 1/2 S	V96	85
CMC HEARTLAND PARTNERS	1220 NORTH HICKORY AVEN	1/2 - 1 SSE	122	104
CTRE, INC.	2001 NORTH ELSTON AVENU	1/2 - 1 WNW	123	104
FEDERAL EXPRESS CORPORATION	875 WEST DIVISION STREE	1/2 - 1 SSE	126	106
ORLOFF JAGUAR	1924 NORTH PAULINA STRE	1/2 - 1 WNW	127	106
BAKER DEVELOPMENT CORPORATION	2062 NORTH ELSTON AVENU	1/2 - 1 WNW	128	107
POLYCHROME CHEMICAL CORPORATIO	2100 NORTH ELSTON AVENU	1/2 - 1 NW	AC132	110
FLORENCE CORPORATION	2101 NORTH ELSTON AVENU	1/2 - 1 NW	AC133	111
REICHHOLD CHEMICALS, INC.	2120 NORTH ELSTON AVENU	1/2 - 1 NW	AC134	111

NIPC: NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites that previously had never been identified largely because, prior to 1971, there was no obligation to register such sites. The data come from the Northeastern Illinois Planning Commission's Solid Waste Landfill Inventory.

A review of the IL NIPC list, as provided by EDR, has revealed that there is 1 IL NIPC site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
WILLOW ST/CLYBOURN AVE		1/8 - 1/4 ENE	C13	28

EXECUTIVE SUMMARY

PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites:

The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative

A review of the Coal Gas list, as provided by EDR, has revealed that there are 3 Coal Gas sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PEOPLES GAS LIGHT AND COKE - W	1725 KINGSBURY	0 - 1/8	ESE A4	21
PEOPLES GAS LIGHT AND COKE - D	1223 W. DIVISION STREET	1/2 - 1	SSW AB124	105
PEOPLES GAS LIGHT AND COKE - N	1112 HOWE OR 1142 CROSB	1/2 - 1	SE 136	113

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
AMOCO OIL CO. #5091	LUST
AKZO SALT INC.	LUST
CHAS. LEVY TRANSPORTATION CO.	LUST
IL MEDICAL DIST.	LUST
IL MEDICAL DIST.	LUST
ST. VINCENT DEPAUL CENTER	LUST
VULCAN MATERIALS	LUST
HAYES MACHINERY	LUST
COOK COUNTY HWY DEPT	RCRIS-SQG, FINDS

OVERVIEW MAP - 907691.1s - Burns & McDonnell Eng. Co Inc



* Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites

■ National Priority List Sites

■ Landfill Sites

▲ Power transmission lines

▲ Oil & Gas pipelines

▨ 100-year flood zone

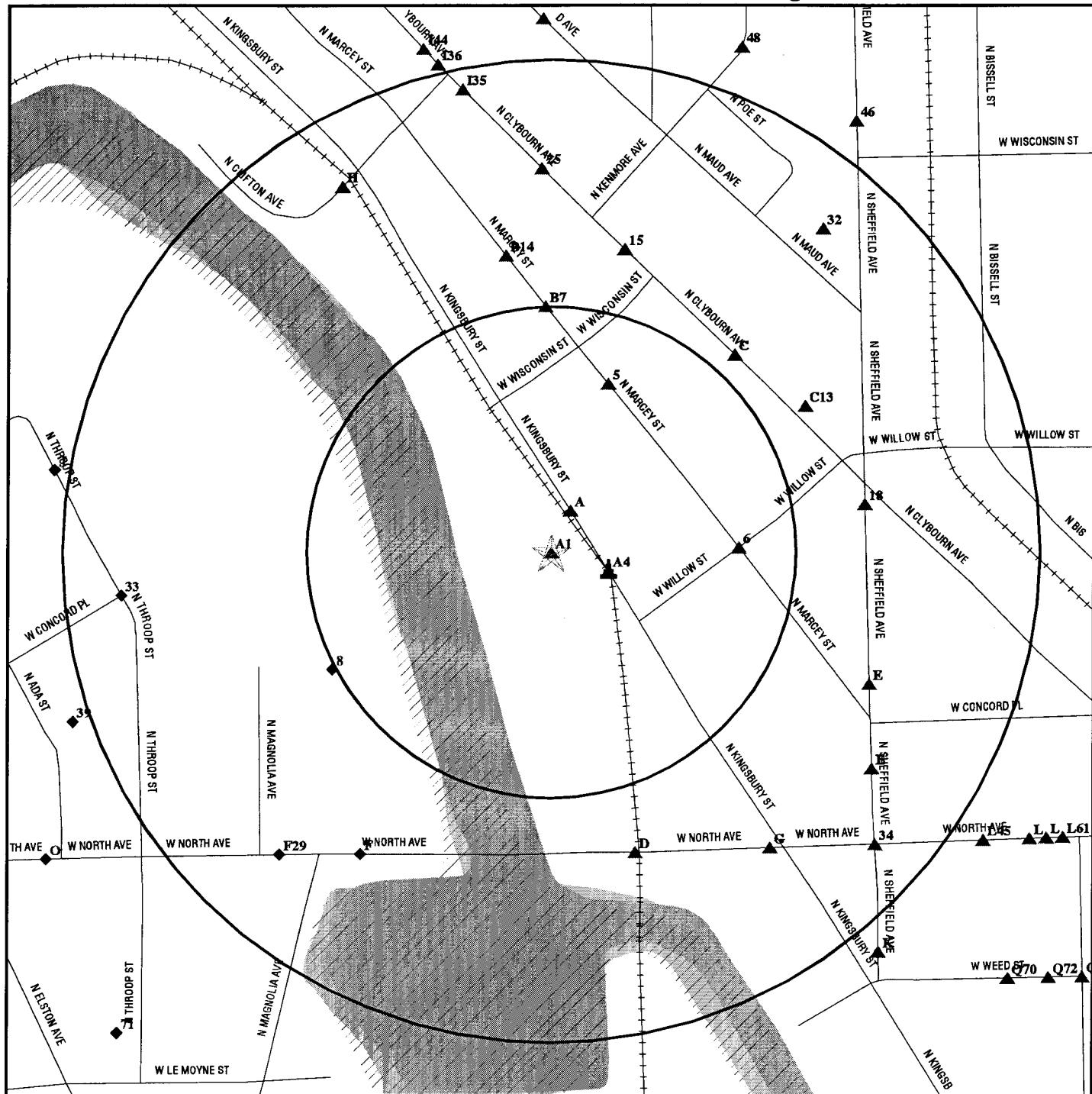
▨ 500-year flood zone

▨ Wetlands

TARGET PROPERTY: Willow Street Station
ADDRESS: 1701 Kingsbury Street
CITY/STATE/ZIP: Chicago IL 60614
LAT/LONG: 41.9129 / 87.6563

CUSTOMER: Burns & McDonnell Eng. Co Inc
CONTACT: Diane Saffic
INQUIRY #: 907691.1s
DATE: January 08, 2003 1:49 pm

DETAIL MAP - 907691.1s - Burns & McDonnell Eng. Co Inc



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Coal Gasification Sites

■ Sensitive Receptors

■ National Priority List Sites

■ Landfill Sites

▲ Power transmission lines

▲ Oil & Gas pipelines

▨ 100-year flood zone

▨ 500-year flood zone

▨ Wetlands

TARGET PROPERTY: Willow Street Station
ADDRESS: 1701 Kingsbury Street
CITY/STATE/ZIP: Chicago IL 60614
LAT/LONG: 41.9129 / 87.6563

CUSTOMER: Burns & McDonnell Eng. Co Inc
CONTACT: Diane Sacific
INQUIRY #: 907691.1s
DATE: January 08, 2003 1:50 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.125	0	0	0	0	0	0
Proposed NPL		1.125	0	0	0	0	0	0
CERCLIS	X	0.625	0	0	1	0	NR	1
CERC-NFRAP		0.375	0	0	2	NR	NR	2
CORRACTS		1.125	0	0	1	2	1	4
RCRIS-TSD		0.625	0	0	0	1	NR	1
RCRIS Lg. Quan. Gen.		0.375	1	5	3	NR	NR	9
RCRIS Sm. Quan. Gen.		0.375	0	8	16	NR	NR	24
ERNS		0.125	0	NR	NR	NR	NR	0
STATE ASTM STANDARD								
State Haz. Waste		1.125	0	0	0	0	1	1
State Landfill		0.625	0	0	0	1	NR	1
LUST		0.625	0	4	22	11	NR	37
UST		0.375	2	8	21	NR	NR	31
IMPDMENT		0.500	0	0	0	NR	NR	0
CAT		1.125	0	0	0	1	0	1
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
SRP		1.000	1	3	9	16	NR	29
IL NIPC		0.500	0	1	0	NR	NR	1
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	1	0	0	2	NR	3
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID	Direction	Distance	Distance (ft.)	Site	Database(s)	EDR ID Number	EPA ID Number
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A1 Target Property	PEOPLES GAS LIGHT & COKE WILLOW ST STA 1701-1763 KINGSBURY CHICAGO, IL 60614	CERCLIS FINDS	1000348141 ILD982074759
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Site 1 of 4 in cluster A

CERCLIS Classification Data:

Site Incident Category: Not reported
 Non NPL Status: SI Start Needed
 Ownership Status: Unknown

Federal Facility: Not a Federal Facility

CERCLIS Assessment History:

Assessment: DISCOVERY
 Assessment: PRELIMINARY ASSESSMENT

Completed: 01/29/1988
 Completed: 01/06/1989

CERCLIS Site Status:

Low

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)
 Facility Registry System (FRS)

A2 NNE < 1/8 123 ft. Higher	GREAT LK TERMINAL/TRANSPORT 1750 N KINGSBURY ST CHICAGO, IL 60614	UST	U001142528 N/A
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Site 2 of 4 in cluster A

UST:

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/86 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 12000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614

Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/89 00:00:00
 Fee Owed: No
 Tank Number: 2
 Tank Capacity: 12000
 Tank Age: 33

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Tank Red Tag: No
 Tank Substance: Hazardous Substance

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/88 00:00:00
 Fee Owed: No
 Tank Number: 3
 Tank Capacity: 12000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/89 00:00:00
 Fee Owed: No
 Tank Number: 4
 Tank Capacity: 12000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/89 00:00:00
 Fee Owed: No
 Tank Number: 5
 Tank Capacity: 12000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 6
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 7
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00
Fee Owed: No
Tank Number: 8
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 10/1/89 00:00:00
 Fee Owed: No
 Tank Number: 9
 Tank Capacity: 12000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 10/1/89 00:00:00
 Fee Owed: No
 Tank Number: 10
 Tank Capacity: 12000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/89 00:00:00
 Fee Owed: No
 Tank Number: 11
 Tank Capacity: 12000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

U001142528

GREAT LK TERMINAL/TRANSPORT (Continued)

Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/89 00:00:00
Fee Owed: No
Tank Number: 12
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 13
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 14
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 15
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 16
Tank Capacity: 12000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 17
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

U001142528

GREAT LK TERMINAL/TRANSPORT (Continued)

Fee Owed: No
Tank Number: 18
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 19
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 20
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/89 00:00:00
Fee Owed: No
Tank Number: 21
Tank Capacity: 6000

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 22
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 23
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 24
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/85 00:00:00
 Fee Owed: No
 Tank Number: 25
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/85 00:00:00
 Fee Owed: No
 Tank Number: 26
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/85 00:00:00
 Fee Owed: No
 Tank Number: 27
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 28
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/89 00:00:00
Fee Owed: No
Tank Number: 29
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 30
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/85 00:00:00
 Fee Owed: No
 Tank Number: 31
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/85 00:00:00
 Fee Owed: No
 Tank Number: 32
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/85 00:00:00
 Fee Owed: No
 Tank Number: 33
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 34
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 35
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 36
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 10/1/89 00:00:00

Map ID	Direction	Distance	Distance (ft.)	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Fee Owed: No
 Tank Number: 37
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 10/1/89 00:00:00
 Fee Owed: No
 Tank Number: 38
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 10/1/89 00:00:00
 Fee Owed: No
 Tank Number: 39
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 10/1/89 00:00:00
 Fee Owed: No
 Tank Number: 40
 Tank Capacity: 6000

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 10/1/88 00:00:00
 Fee Owed: No
 Tank Number: 41
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 10/1/89 00:00:00
 Fee Owed: No
 Tank Number: 42
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 10/1/88 00:00:00
 Fee Owed: No
 Tank Number: 43
 Tank Capacity: 6000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 44
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/85 00:00:00
Fee Owed: No
Tank Number: 45
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed
Owner Name: Great Lake Terminal Transport
Owner Address: 1750 N Kingsbury St
Chicago, IL 60614
Contact: Tessmer Jr., Ernest
Phone #: (312) 664-3500
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/88 00:00:00
Fee Owed: No
Tank Number: 46
Tank Capacity: 6000
Tank Age: 33
Tank Red Tag: No
Tank Substance: Not reported

Facility ID: 2012968
Status: Closed

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Abandoned in place
 Tank Last Used: 1/1/85 00:00:00
 Fee Owed: No
 Tank Number: 47
 Tank Capacity: 12000
 Tank Age: 37
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Abandoned in place
 Tank Last Used: 1/1/85 00:00:00
 Fee Owed: No
 Tank Number: 48
 Tank Capacity: 12000
 Tank Age: 37
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614
 Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/86 00:00:00
 Fee Owed: No
 Tank Number: 49
 Tank Capacity: 5000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2012968
 Status: Closed
 Owner Name: Great Lake Terminal Transport
 Owner Address: 1750 N Kingsbury St
 Chicago, IL 60614

Map ID	Distance (ft.)	Database(s)	EDR ID Number
Direction	Elevation		EPA ID Number

GREAT LK TERMINAL/TRANSPORT (Continued)

U001142528

Contact: Tessmer Jr., Ernest
 Phone #: (312) 664-3500
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/90 00:00:00
 Fee Owed: No
 Tank Number: 50
 Tank Capacity: 5000
 Tank Age: 33
 Tank Red Tag: No
 Tank Substance: Diesel

A3 GREAT LAKES TERMINAL & TRANSPORT CORP FINDS 1000158599
 NNE 1750 N KINGSBURY ST RCRIS-LQG ILD067470641
 < 1/8 CHICAGO, IL 60614

123 ft. Higher Site 3 of 4 in cluster A

RCRIS:
 Owner: NAME NOT REPORTED
 (312) 555-1212
 EPA ID: ILD067470641
 Contact: ERNEST TESSMER
 (312) 664-3500
 Classification: Large Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 AIRS Facility System (AIRS/AFS)
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

A4 PEOPLES GAS LIGHT AND COKE - WILLOW STREET STATION Coal Gas G000001017
 ESE 1725 KINGSBURY N/A
 < 1/8 CHICAGO, IL 60614

161 ft. Higher Site 4 of 4 in cluster A

COAL GAS SITE DESCRIPTION:
 Site is between Kingsbury (Hawthorn) and Marcey, north of Willow and south of Wi). Site continues across the southwest side of Kingsbury over to the canal. By southwest side of Kingsbury are gone. Marerial Service Corp. sand and gravel pit site. Site is a CERCLIS Site Number ILD982074759.

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5 HICKORY CORP UST U000173645
 NNE 1780 N MARCEY ST N/A
 < 1/8 CHICAGO, IL 60614

478 ft.
 Higher

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HICKORY CORP (Continued)

U000173645

UST:

Facility ID: 2024930
Status: Closed
Owner Name: Hickory Corp
Owner Address: 1780 N Marcey St
Chicago, IL 60614
Contact: Cosentine L G
Phone #: (312) 664-7134
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 1
Tank Capacity: 2000
Tank Age: 24
Tank Red Tag: No
Tank Substance: Diesel

Facility ID: 2024930
Status: Closed
Owner Name: Hickory Corp
Owner Address: 1780 N Marcey St
Chicago, IL 60614
Contact: Cosentine L G
Phone #: (312) 664-7134
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 2
Tank Capacity: 2000
Tank Age: 24
Tank Red Tag: No
Tank Substance: Gasoline

6 PEOPLES GAS AND LIGHT
East 1700 NORTH MARCEY STREET
< 1/8 CHICAGO, IL 60614
505 ft.
Higher

SRP S104491530
N/A

SRP:

IL EPA Id : 0316070022
US EPA Id : Not reported
Remediation Applicant Co : The Peoples Gas Light and Coke Company
Remediation Applicant Title : Mr.
Contact First Name: Steven
Contact Last Name : Matuszak
Contact Address : 130 East Randolph Drive
Contact Address: 130 East Randolph Drive
Chicago, IL, 60601
Contact Phone : 3122404560
Date Enrolled : 01/13/1993
Consultant Company : Not reported
Point Of Contact : Not reported
Consultant Address:

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

PEOPLES GAS AND LIGHT (Continued)

S104491530

Consultant Phone :	Not reported
Proj Mgr Assigned :	Seul
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	False
Total Acres :	0.00000

B7 **PEOPLES GAS AND LIGHT**
North **1818-1854 NORTH MARCEY STREET**
1/8-1/4 **CHICAGO, IL 60614**
663 ft.
Higher **Site 1 of 2 in cluster B**

SRP **S104491531**
N/A

SRP:	
IL EPA Id :	0316070023
US EPA Id :	Not reported
Remediation Applicant Co :	The Peoples Gas Light and Coke Company
Remediation Applicant Title :	Mr.
Contact First Name:	Steven
Contact Last Name :	Matuszak
Contact Address :	130 East Randolph Drive
Contact Address:	130 East Randolph Drive
	Chicago, IL, 60601
Contact Phone :	3122404560
Date Enrolled :	01/13/1993
Consultant Company :	Not reported
Point Of Contact :	Not reported
Consultant Address:	
Consultant Phone :	Not reported
Proj Mgr Assigned :	Seul
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	False
Total Acres :	0.00000

8 **PROCTER & GAMBLE MFG CO**
WSW **1232 W N AVE**
1/8-1/4 **CHICAGO, IL 60622**
671 ft.
Lower

UST **U001142971**
N/A

UST:

Facility ID:	2011758
Status:	Closed
Owner Name:	Procter & Gamble Manufacturing
Owner Address:	1232 W North Ave Chicago, IL 60622
Contact:	Wren Marvin F
Phone #:	(312) 738-9605
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Removed
Tank Last Used:	Not reported
Fee Owed:	No
Tank Number:	1
Tank Capacity:	550

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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PROCTER & GAMBLE MFG CO (Continued)

U001142971

Tank Age: 10
 Tank Red Tag: No
 Tank Substance: Gasoline

Facility ID: 2011758
 Status: Closed
 Owner Name: Procter & Gamble Manufacturing
 Owner Address: 1232 W North Ave
 Chicago, IL 60622
 Contact: Wren Marvin F
 Phone #: (312) 738-9605
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 5/1/85 00:00:00
 Fee Owed: No
 Tank Number: 2
 Tank Capacity: 9600
 Tank Age: 51
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2011758
 Status: Closed
 Owner Name: Procter & Gamble Manufacturing
 Owner Address: 1232 W North Ave
 Chicago, IL 60622
 Contact: Wren Marvin F
 Phone #: (312) 738-9605
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/02 00:00:00
 Fee Owed: No
 Tank Number: 3
 Tank Capacity: 15000
 Tank Age: 25
 Tank Red Tag: No
 Tank Substance: Gasoline

Facility ID: 2011758
 Status: Closed
 Owner Name: Procter & Gamble Manufacturing
 Owner Address: 1232 W North Ave
 Chicago, IL 60622
 Contact: Wren Marvin F
 Phone #: (312) 738-9605
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 6/1/75 00:00:00
 Fee Owed: No
 Tank Number: 4
 Tank Capacity: 8500
 Tank Age: 44
 Tank Red Tag: No
 Tank Substance: Not reported

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

PROCTER & GAMBLE MFG CO (Continued)

U001142971

Facility ID: 2011758
 Status: Closed
 Owner Name: Procter & Gamble Manufacturing
 Owner Address: 1232 W North Ave
 Chicago, IL 60622
 Contact: Wren Marvin F
 Phone #: (312) 738-9605
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 6/1/75 00:00:00
 Fee Owed: No
 Tank Number: 5
 Tank Capacity: 8500
 Tank Age: 44
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2011758
 Status: Closed
 Owner Name: Procter & Gamble Manufacturing
 Owner Address: 1232 W North Ave
 Chicago, IL 60622
 Contact: Wren Marvin F
 Phone #: (312) 738-9605
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 6/1/75 00:00:00
 Fee Owed: No
 Tank Number: 6
 Tank Capacity: 8500
 Tank Age: 44
 Tank Red Tag: No
 Tank Substance: Not reported

Facility ID: 2011758
 Status: Closed
 Owner Name: Procter & Gamble Manufacturing
 Owner Address: 1232 W North Ave
 Chicago, IL 60622
 Contact: Wren Marvin F
 Phone #: (312) 738-9605
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 6/1/75 00:00:00
 Fee Owed: No
 Tank Number: 7
 Tank Capacity: 10000
 Tank Age: 44
 Tank Red Tag: No
 Tank Substance: Not reported

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

C9	TRIZEC HAHN CLYBOURN TECHNOLOGY CEN	SRP	S105600625
NE	1840 NORTH CLYBOURN AVENUE		N/A
1/8-1/4	CHICAGO, IL 60014		
725 ft.			
Higher	Site 1 of 5 in cluster C		
SRP:			
IL EPA Id :	0316070006		
US EPA Id :	ILD084733583		
Remediation Applicant Co :	Trizec Hahn Clybourn Technology Center, LLC		
Remediation Applicant Title :	Mr.		
Contact First Name:	Mark		
Contact Last Name :	Matthews		
Contact Address :	5225 Old Orchard Road		
Contact Address:	5225 Old Orchard Road		
	Suite 27A		
	Skokie, IL, 60077		
Contact Phone :	8475819155		
Date Enrolled :	08/15/2001		
Consultant Company :	Pioneer Environmental, Inc.		
Point Of Contact :	Joseph C. Kelly		
Consultant Address:	700 North Sacramento Boulevard		
	Suite 101		
	Chicago, IL, 60612		
Consultant Phone :	(312) 587-1021		
Proj Mgr Assigned :	Salch, Ed		
Sec. 4 Letter Date :	/ /		
No Further Remediation Letter Dt :	12/13/2001		
NFR Recorded :	01/07/2002		
Active :	False		
Total Acres :	1.90000		

C10	TRIZEC HAHN TECHNOLOGY CENTER LLC	LUST	S104967907
NE	1840 NORTH CLYBOURN		N/A
1/8-1/4	CHICAGO, IL 60614		
725 ft.			
Higher	Site 2 of 5 in cluster C		
LUST:			
Incident Num :	20010328		
IL EPA Id :	0316070006		
IEMA Date :	2/23/01		
Attn :	Mark Matthew		
PRP Name :	Tri ec Hahn Technology Center LLC		
PRP Address :	5225 Old Orchard Rd.		
	Skokie, IL 60077		
PRP Phone :	8475819155		
Non LUST Determination Letter :	Not reported		
NFA/NFR Letter :	Not reported		
Site Classification :	Not reported		
Project Manager :	McCain		
Project Manager Phone:	(217) 785-6309		
Email :	Robin.McCain@epa.state.il.us		
Section 57.59(g) :	732		
Section 57.59(g) Letter :	4/30/01		
Product - Gasoline:	True		
Product - Unleaded Gas:	False		
Product - Deisel:	False		
Product - Fuel Oil:	False		
Product - Jet Fuel:	False		
Product - Used Oil:	False		

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

TRIZEC HAHN TECHNOLOGY CENTER LLC (Continued)
S104967907

Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

C11 FORMER ARTMARK BUILDING **UST U003763026**
NE 1840 N CLYBOURN **N/A**
1/8-1/4 CHICAGO, IL 60662

725 ft.
Higher Site 3 of 5 in cluster C

UST:

Facility ID:	2040353
Status:	Exempt
Owner Name:	Argent Group
Owner Address:	5225 Old Orchard Rd Skokie, IL 60077
Contact:	Not reported
Phone #:	Not reported
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	12/31/73 00:00:00
Fee Owed:	No
Tank Number:	1
Tank Capacity:	500
Tank Age:	Not reported
Tank Red Tag:	No
Tank Substance:	Gasoline

C12 TRIZECHAHN CLYBOURN TECH CTR **RCRIS-SQG 1000214589**
NE 1840 N CLYBOURN AVE **FINDS ILD084733583**
1/8-1/4 CHICAGO, IL 60062

725 ft.
Higher Site 4 of 5 in cluster C

RCRIS:

Owner:	THE ARGENT GROUP (847) 581-9955
EPA ID:	ILD084733583
Contact:	RAOUL SMOCZYNSKI (312) 943-8900

Classification: Handler transports wastes for self, Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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C13 ENE 1/8-1/4 789 ft. Higher	WILLOW ST/CLYBOURN AVE CHICAGO, IL Site 5 of 5 in cluster C	IL NIPC	S100790222 N/A
--	---	---------	-------------------

B14 North 1/8-1/4 808 ft. Higher	BATES INC 1840 N MARCEY ST CHICAGO, IL 60614 Site 2 of 2 in cluster B	FINDS RCRIS-LQG	1000986615 ILR000001446
--	--	--------------------	----------------------------

RCRIS:

Owner: US SAMPLE CO
(312) 915-8330

EPA ID: ILR000001446

Contact: KAREN THOMA
(312) 975-8330

Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Biennial Reporting System (BRS)
Facility Registry System (FRS)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)

15 NNE 1/8-1/4 837 ft. Higher	REPUBLIC PIP & SUPPLY CO 1885 N CLYBOURN CHICAGO, IL 60614	UST	U003667820 N/A
---	--	-----	-------------------

UST:

Facility ID: 2036640
Status: Exempt

Owner Name: Clybourn Avenue Associates Llc
Owner Address: 203 N Lasalle Street Suite 1800
C/O Rudnick & Wolfe
Chicago, IL 60601

Contact: Homer Richard S
Phone #: (312) 368-2100
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 1000
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

REPUBLIC PIP & SUPPLY CO (Continued)

U003667820

Facility ID: 2036640
 Status: Exempt
 Owner Name: Clyburn Avenue Associates Llc
 Owner Address: 203 N Lasalle Street Suite 1800
 C/O Rudnick & Wolfe
 Chicago, IL 60601
 Contact: Homer Richard S
 Phone #: (312) 368-2100
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 12/31/73 00:00:00
 Fee Owed: No
 Tank Number: 2
 Tank Capacity: 1000
 Tank Age: Not reported
 Tank Red Tag: No
 Tank Substance: Heating Oil

D16 GENERAL IRON INDUSTRIES
SSE 1066 WEST NORTH AVE.
1/8-1/4 CHICAGO, IL 60622
837 ft.
Higher Site 1 of 2 in cluster D

LUST S104530308
N/A

LUST:
 Incident Num : 20000013
 IL EPA Id : 0316070011
 IEMA Date : 1/4/00
 Attn : Adam Ladkon
 PRP Name : General Iron Industries
 PRP Address : 1909 North Clifton Ave.
 Chicago, IL 60614
 PRP Phone : 7733279600
 Non LUST Determination Letter : Not reported
 NFA/NFR Letter : 7/17/01
 Site Classification : Not reported
 Project Manager : Reynolds
 Project Manager Phone: (217) 557-7048
 Email : Lesli.Reynolds@epa.state.il.us
 Section 57.59(g) : 732
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: False
 Product - Unleaded Gas: False
 Product - Diesel: True
 Product - Fuel Oil: False
 Product - Jet Fuel: False
 Product - Used Oil: False
 Product - Non Petro: False
 Product - Other Petro: False
 20 Report Received : 11/27/00
 45 Report Received : 2/23/00
 NFR Date Recorded : 10/5/01

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
D17								
SSE								
1/8-1/4								
837 ft.								
Higher								
D17	GENERAL IRON INDUSTRIES						UST	U003668766
SSE	1066 W. NORTH AVENUE							N/A
1/8-1/4	CHICAGO, IL 60614							
837 ft.	Site 2 of 2 in cluster D							
	UST:							
	Facility ID:	2038988						
	Status:	Closed						
	Owner Name:	General Iron Industries, Inc.						
	Owner Address:	1090 North Clifton Ave.						
		Chicago, IL 60614						
	Contact:	Adam Labkon						
	Phone #:	(773) 327-9600						
	Permit Number:	Not reported						
	Permit Expires:	Not reported						
	Tank Status:	Removed						
	Tank Last Used:	1/1/76 00:00:00						
	Fee Owed:	No						
	Tank Number:	1						
	Tank Capacity:	10000						
	Tank Age:	99						
	Tank Red Tag:	No						
	Tank Substance:	Diesel						
	Facility ID:	2038988						
	Status:	Closed						
	Owner Name:	General Iron Industries, Inc.						
	Owner Address:	1090 North Clifton Ave.						
		Chicago, IL 60614						
	Contact:	Adam Labkon						
	Phone #:	(773) 327-9600						
	Permit Number:	Not reported						
	Permit Expires:	Not reported						
	Tank Status:	Does Not Exist						
	Tank Last Used:	1/1/76 00:00:00						
	Fee Owed:	No						
	Tank Number:	2						
	Tank Capacity:	1000						
	Tank Age:	Not reported						
	Tank Red Tag:	No						
	Tank Substance:	Diesel						
	Facility ID:	2038988						
	Status:	Closed						
	Owner Name:	General Iron Industries, Inc.						
	Owner Address:	1090 North Clifton Ave.						
		Chicago, IL 60614						
	Contact:	Adam Labkon						
	Phone #:	(773) 327-9600						
	Permit Number:	Not reported						
	Permit Expires:	Not reported						
	Tank Status:	Does Not Exist						
	Tank Last Used:	12/31/76 00:00:00						
	Fee Owed:	No						
	Tank Number:	3						
	Tank Capacity:	10000						
	Tank Age:	Not reported						
	Tank Red Tag:	No						

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

GENERAL IRON INDUSTRIES (Continued)

U003668766

Tank Substance: Diesel

Facility ID: 2038988
 Status: Closed
 Owner Name: General Iron Industries, Inc.
 Owner Address: 1090 North Clifton Ave.
 Chicago, IL 60614
 Contact: Adam Labkon
 Phone #: (773) 327-9600
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 12/31/76 00:00:00
 Fee Owed: No
 Tank Number: 4
 Tank Capacity: 30000
 Tank Age: 99
 Tank Red Tag: No
 Tank Substance: Diesel

Facility ID: 2038988
 Status: Closed
 Owner Name: General Iron Industries, Inc.
 Owner Address: 1090 North Clifton Ave.
 Chicago, IL 60614
 Contact: Adam Labkon
 Phone #: (773) 327-9600
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 12/31/76 00:00:00
 Fee Owed: No
 Tank Number: 5
 Tank Capacity: 6500
 Tank Age: 99
 Tank Red Tag: No
 Tank Substance: Gasoline

18
East
1/8-1/4
856 ft.
Higher
LUCKY 1 HR CLEANERS
1745 N SHEFFIELD AVE
CHICAGO, IL 60614

FINDS 1000463261
RCRIS-LQG ILD984817304

RCRIS:

Owner: KIM JIN
 EPA ID: ILD984817304
 Contact: JIN KIM
 (312) 280-8438

Classification: Large Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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LUCKY 1 HR CLEANERS (Continued)

1000463261

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

E19	URBCON INC	UST	U001965194
ESE	1714 N SHEFFIELD AVE		N/A
1/8-1/4	CHICAGO, IL 60614		
929 ft.			
Higher	Site 1 of 5 in cluster E		

UST:

Facility ID: 2033087
 Status: Closed
 Owner Name: Urbcon Inc
 Owner Address: 1777 N Clybourn Ave
 Chicago, IL 60614
 Contact: Weiner Howard
 Phone #: (312) 266-8885
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/02 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 1500
 Tank Age: 96
 Tank Red Tag: No
 Tank Substance: Heating Oil

E20	URBCON INC.	LUST	S104523247
ESE	1714 NORTH SHEFFIELD		N/A
1/8-1/4	CHICAGO, IL 60610		
929 ft.			
Higher	Site 2 of 5 in cluster E		

LUST:

Incident Num : 940846
 IL EPA Id : 0316085016
 IEMA Date : 4/19/94
 Attn : Howard Weiner
 PRP Name : Urbcon Inc.
 PRP Address : 1777 North Clybourn Ave.
 Chicago, IL 60614
 PRP Phone : Not reported
 Non LUST Determination Letter : 6/23/94
 NFA/NFR Letter : Not reported
 Site Classification : Not reported
 Project Manager : Reuter
 Project Manager Phone: Not reported
 Email : Not reported
 Section 57.59(g) : 732
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: False
 Product - Unleaded Gas: False
 Product - Diesel: False

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

URBCON INC. (Continued)

S104523247

Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	2/29/92
45 Report Received :	2/29/92
NFR Date Recorded :	Not reported

F21	HOME DEPOT #1912	RCRIS-SQG	1004695667
SSW	1232 W NORTH AVE	FINDS	ILR000023218
1/8-1/4			
960 ft.	CHICAGO, IL 60622		
Lower	Site 1 of 3 in cluster F		

RCRIS:

Owner:	THE HOME DEPOT (770) 433-8211
EPA ID:	ILR000023218
Contact:	RENEE ARCHULETA (619) 677-0150

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

F22	PROCTER & GAMBLE MFG CO	FINDS	1000181047
SSW	1232 W NORTH AVE	RCRIS-LQG	ILD042329680
1/8-1/4		MLTS	
960 ft.	CHICAGO, IL 60622		
Lower	Site 2 of 3 in cluster F		

RCRIS:

Owner:	PROCTER & GAMBLE MFG CO (312) 278-1502
EPA ID:	ILD042329680
Contact:	ALEX ZELISKO (312) 738-9618

Classification: Large Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

PROCTER & GAMBLE MFG CO (Continued)

1000181047

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/26/1985
Actual Date Achieved Compliance:	01/10/1986
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/08/1985
Penalty Type:	Not reported
Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	06/26/1985
Actual Date Achieved Compliance:	01/10/1986
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	07/08/1985
Penalty Type:	Not reported

There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Non-Financial Record Review	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19860110
Financial Record Review	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19860110

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

MLTS:

License Number:	12-12842-01	First License Date:	0
License Date:	07/05/1984	Institution Code:	12842
License Expires:	10/31/1988	Primary Program:	Measuring Systems Fixed Gauges
License Use:	Measuring Systems Analytical Instruments		
Department:	Not reported	Building:	Not reported
Contact Name:	MICHAEL KENRON, PLANT RPO	Contact Phone:	Not reported
States Allowing Use:	Not reported		
Store Material:	No		
Redistribution:	No	Incineration:	No
Burial:	No		
Last Inspection:	03/1987		
Inspector Name:	Not reported		
Next Inspection:	99/9999		

G23 DURACO INC
SE 1025 W NORTH AVE
1/8-1/4 CHICAGO, IL 60622
989 ft.
Higher Site 1 of 2 in cluster G

RCRIS-SQG 1000144653
FINDS ILD005182910

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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DURACO INC (Continued)

1000144653

RCRIS:

Owner: FURTH SYDNEY M
(312) 555-1212

EPA ID: ILD005182910

Contact: STEVE YACYSHYN
(312) 943-2700

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)

Facility Registry System (FRS)

National Emissions Trends (NET)

National Toxics Inventory (NTI)

Resource Conservation and Recovery Act Information system (RCRAINFO)

Toxic Chemical Release Inventory System (TRIS)

G24	S STEIN & COMPANY 1030 W NORTH AVE CHICAGO, IL 60622	RCRIS-SQG 1004695466
SE 1/8-1/4 998 ft. Higher	Site 2 of 2 in cluster G	FINDS ILR000018275

RCRIS:

Owner: STEIN L & STEIN JORDAN
(312) 649-7100

EPA ID: ILR000018275

Contact: TOM KEZIOS
(312) 649-7127

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

25 North 1/8-1/4 1031 ft. Higher	LOCK UP CLYBOURN 1920 N CLYBOURN ST CHICAGO, IL 60614	RCRIS-SQG 1000173600
		FINDS ILD070013248

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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LOCK UP CLYBOURN (Continued) 1000173600

RCRIS:

Owner: NAME NOT REPORTED
(312) 555-1212
EPA ID: ILD070013248
Contact: HARRY SPENCER
(312) 327-3600

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

E26	HANLEY DAWSON TECH CTR	RCRIS-SQG 1000283011
SE	1630 N SHEFFIELD	FINDS ILD130882905
1/8-1/4	CHICAGO, IL 60614	
1043 ft.		
Higher	Site 3 of 5 in cluster E	

RCRIS:

Owner: HANLEY DAWSON
(312) 555-1212
EPA ID: ILD130882905
Contact: KEN LAMBROS
(312) 440-7354

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

E27	SCHULA ASSOC. LTD. PARTNERSHIP	LUST S104525857
SE	1630 NORTH SHEFFIELD	N/A
1/8-1/4	CHICAGO, IL 60614	
1043 ft.		
Higher	Site 4 of 5 in cluster E	

LUST:

Incident Num : 911866
IL EPA Id : 0316075077
IEMA Date : 7/9/91
Attn : Mort Skolnik
PRP Name : Schula Assoc. Ltd. Partnership
PRP Address : 1000 West North Ave.
Chicago, IL 60622
PRP Phone : Not reported
Non LUST Determination Letter : Not reported

Map ID	Direction	Distance	Distance (ft.)	Site	Database(s)	EDR ID Number	EPA ID Number
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SCHULA ASSOC. LTD. PARTNERSHIP (Continued)
S104525857

NFA/NFR Letter : 9/27/91
 Site Classification : Not reported
 Project Manager : Irwin
 Project Manager Phone: Not reported
 Email : Not reported
 Section 57.59(g) : 731
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: True
 Product - Unleaded Gas: False
 Product - Diesel: False
 Product - Fuel Oil: False
 Product - Jet Fuel: False
 Product - Used Oil: False
 Product - Non Petro: False
 Product - Other Petro: False
 20 Report Received : 2/29/92
 45 Report Received : 2/29/92
 NFR Date Recorded : Not reported

E28
SE
1/8-1/4
1043 ft.
Higher **HANLEY DAWSON TECH CTR**
1630 N SHEFFIELD AVE
CHICAGO, IL 60614

UST **U000791533**
N/A

Site 5 of 5 in cluster E

UST:

Facility ID: 2013523
 Status: Closed
 Owner Name: Hanley Dawson Chrysler Plymouth
 Owner Address: 1630 N Sheffield Ave
 Chicago, IL 60614
 Contact: Posacki, Frank
 Phone #: (312) 440-7354
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 4/1/28 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 99
 Tank Age: 99
 Tank Red Tag: No
 Tank Substance: Gasoline

Facility ID: 2013523
 Status: Closed
 Owner Name: Hanley Dawson Chrysler Plymouth
 Owner Address: 1630 N Sheffield Ave
 Chicago, IL 60614
 Contact: Posacki, Frank
 Phone #: (312) 440-7354
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 4/1/28 00:00:00
 Fee Owed: No
 Tank Number: 2
 Tank Capacity: 99
 Tank Age: 99

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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HANLEY DAWSON TECH CTR (Continued)
U000791533

Tank Red Tag: No
 Tank Substance: Gasoline

Facility ID: 2013523
 Status: Closed
 Owner Name: Hanley Dawson Chrysler Plymouth
 Owner Address: 1630 N Sheffield Ave
 Chicago, IL 60614
 Contact: Posacki, Frank
 Phone #: (312) 440-7354
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 4/1/28 00:00:00
 Fee Owed: No
 Tank Number: 3
 Tank Capacity: 99
 Tank Age: 99
 Tank Red Tag: No
 Tank Substance: Used Oil

F29 **SOUTH CHICAGO CABLE, INC.**
 SW 1255 WEST NORTH AVENUE
 1/8-1/4 CHICAGO, IL 60622
 1092 ft.
 Lower Site 3 of 3 in cluster F

SRP S105151697
 N/A

SRP:
 IL EPA Id : 0316246306
 US EPA Id : Not reported
 Remediation Applicant Co : South Chicago Cable, Inc.
 Remediation Applicant Title : Vice President
 Contact First Name: Ronald
 Contact Last Name : Hummel
 Contact Address : 1255 West North Avenue
 Contact Address: 1255 West North Avenue
 Chicago, IL, 60622
 Contact Phone : 7733948686
 Date Enrolled : 11/08/2001
 Consultant Company : Boelter & Yates, Inc.
 Point Of Contact : Fred Boelter, P.E.
 Consultant Address: 1300 Higgins Road
 Suite 301
 Park Ridge, IL, 60068
 Consultant Phone : (847) 692-4700
 Proj Mgr Assigned : Seul
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 10/09/2002
 NFR Recorded : / /
 Active : False
 Total Acres : 3.30000

H30 **GENERAL IRON INDUSTRIES INC**
 NNW 1909 N CLIFTON AVE
 1/8-1/4 CHICAGO, IL 60614
 1134 ft.
 Higher Site 1 of 2 in cluster H

RCRIS-SQG 1000213476
 FINDS ILD025136094

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number
Database(s)

GENERAL IRON INDUSTRIES INC (Continued)

1000213476

RCRIS:

Owner: NAME NOT REPORTED
(312) 555-1212
EPA ID: ILD025136094
Contact: NATHAN ROSENMUTTER
(312) 327-9600

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Permit Compliance System (PCS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

H31 **GENERAL IRON INDUSTRIES INC**
NNW **1909 N CLIFTON AVE**
1/8-1/4 **CHICAGO, IL 60614**
1134 ft.
Higher **Site 2 of 2 in cluster H**

UST U000865219
N/A

UST:

Facility ID: 2005998
Status: Closed
Owner Name: General Iron Industries, Inc.
Owner Address: 1090 North Clifton Ave.
Chicago, IL 60614
Contact: Labkon Adam
Phone #: (773) 327-9600
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 1
Tank Capacity: 1000
Tank Age: 99
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2005998
Status: Closed
Owner Name: General Iron Industries, Inc.
Owner Address: 1090 North Clifton Ave.
Chicago, IL 60614
Contact: Labkon Adam
Phone #: (773) 327-9600
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 3/1/81 00:00:00

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

GENERAL IRON INDUSTRIES INC (Continued)

U000865219

Fee Owed: No
 Tank Number: 2
 Tank Capacity: 5000
 Tank Age: 99
 Tank Red Tag: No
 Tank Substance: Diesel

32 **MULLIGAN SCHOOL**
NE **1855 N SHEFFIELD**
1/8-1/4 **CHICAGO, IL 60651**
1135 ft.
Higher

FINDS **1001213667**
RCRIS-LQG **ILR000044073**

RCRIS:
 Owner: CHICAGO PUBLIC SCHOOLS
 (773) 535-7038
 EPA ID: ILR000044073
 Contact: THOMAS CONNELLY
 (708) 923-0202
 Classification: Large Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

33 **U S STEEL CORP SUPPLY DIV PAINT MILL**
West **1649 N THROOP ST**
1/8-1/4 **CHICAGO, IL 60622**
1167 ft.
Lower

FINDS **1000132668**
RCRIS-LQG **ILD074379512**

RCRIS:
 Owner: US STEEL CORP
 (312) 555-1212
 EPA ID: ILD074379512
 Contact: LOUIS MAU
 (312) 646-3211
 Classification: Large Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

34 WEED ST II LTD PARTNERSHIP **UST U003104523**
SE 1001 W NORTH AVE **N/A**
1/8-1/4 CHICAGO, IL 60622

1176 ft.
Higher

UST:

Facility ID: 2035039
Status: Exempt
Owner Name: Weed St li Ltd Partnership
Owner Address: 105 Revere Dr #D
C/O Crm Properties Group
Northbrook, IL 60062
Contact: Siavelis Chris
Phone #: (847) 753-9000
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/1/73 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 1500
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2035039
Status: Exempt
Owner Name: Weed St li Ltd Partnership
Owner Address: 105 Revere Dr #D
C/O Crm Properties Group
Northbrook, IL 60062
Contact: Siavelis Chris
Phone #: (847) 753-9000
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/1/73 00:00:00
Fee Owed: No
Tank Number: 2
Tank Capacity: 1000
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Gasoline

I35 SWAN CLEANERS
North 1953 N CLYBOURN
1/8-1/4 CHICAGO, IL 60614
1265 ft.
Higher Site 1 of 3 in cluster I

RCRIS-SQG 1000453227
FINDS ILD984790733

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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SWAN CLEANERS (Continued)
1000453227
RCRIS:

Owner: KIM STEVE
 EPA ID: ILD984790733
 Contact: STEVE KIM
 (312) 248-0604
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

I36
NNW
1/4-1/2
1345 ft.
Higher **CHICAGO BOILER CO**
1965 CLYBOURN AVE
CHICAGO, IL 60614

UST **U001142118**
N/A

Site 2 of 3 in cluster I
UST:

Facility ID: 2000727
 Status: Closed
 Owner Name: Chicago Boiler Co
 Owner Address: 1965 Clybourn Ave
 Chicago, IL 60614
 Contact: Koeller Leroy
 Phone #: (312) 348-8250
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: Not reported
 Fee Owed: Yes
 Tank Number: 1
 Tank Capacity: 99
 Tank Age: 99
 Tank Red Tag: No
 Tank Substance: Gasoline

J37
West
1/4-1/2
1360 ft.
Lower **CHICAGO CITY OF FLEET ADMIN**
1685 N THROOP
CHICAGO, IL 60622

RCRIS-SQG **1000166319**
FINDS **ILD982624116**

Site 1 of 3 in cluster J

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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CHICAGO CITY OF FLEET ADMIN (Continued)
1000166319
RCRIS:

Owner: CHICAGO CITY OF

(312) 555-1212

EPA ID: ILD982624116

Contact: JAMES WARREN

(312) 744-5666

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

J38	DEPT OF FLEET MGMT 1685 N THROOP ST CHICAGO, IL 60602	UST	U001965103
West 1/4-1/2 1360 ft. Lower	Site 2 of 3 in cluster J		N/A

UST:

Facility ID: 2033144

Status: Active

Owner Name: City Of Chicago/Dept Of Environment

Owner Address: 30 N Lasalle St 25Th Fl
Chicago, IL 60602

Contact: McCrae A R

Phone #: (312) 744-5418

Permit Number: Not reported

Permit Expires: Not reported

Tank Status: Currently in use

Tank Last Used: Not reported

Fee Owed: No

Tank Number: 1

Tank Capacity: 20000

Tank Age: 7

Tank Red Tag: No

Tank Substance: Gasoline

Facility ID: 2033144

Status: Active

Owner Name: City Of Chicago/Dept Of Environment

Owner Address: 30 N Lasalle St 25Th Fl
Chicago, IL 60602

Contact: McCrae A R

Phone #: (312) 744-5418

Permit Number: Not reported

Permit Expires: Not reported

Tank Status: Currently in use

Tank Last Used: Not reported

Fee Owed: No

Tank Number: 2

Tank Capacity: 12000

Tank Age: 7

Map ID	Direction	Distance	Distance (ft.)	Site	Database(s)	EDR ID Number	EPA ID Number
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DEPT OF FLEET MGMT (Continued)
U001965103

Tank Red Tag: No
 Tank Substance: Diesel

Facility ID: 2033144
 Status: Active
 Owner Name: City Of Chicago/Dept Of Environment
 Owner Address: 30 N Lasalle St 25Th Fl
 Chicago, IL 60602
 Contact: McCrae A R
 Phone #: (312) 744-5418
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Currently in use
 Tank Last Used: Not reported
 Fee Owed: No
 Tank Number: 3
 Tank Capacity: 12000
 Tank Age: 7
 Tank Red Tag: No
 Tank Substance: Diesel

39 DAVIES PLATING INC
 WSW 1620 N TROOP
 1/4-1/2 CHICAGO, IL 60622
 1369 ft.
 Lower

RCRIS-SQG 1000462478
 FINDS ILD984806224

RCRIS:
 Owner: OBERT ROBERT
 EPA ID: ILD984806224
 Contact: JENS ANDERSEN
 (312) 252-2026
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

K40 MCZ DEVELOPMENT INC.
 SE 1555 NORTH SHEFFIELD
 1/4-1/2 CHICAGO, IL 60622
 1392 ft.
 Higher Site 1 of 4 in cluster K

LUST S104524999
 N/A

LUST:
 Incident Num : 921117
 IL EPA Id : 0316245132
 IEMA Date : 4/28/92
 Attn : Dickinson Wright
 PRP Name : MCZ Development Inc.
 PRP Address : 225 West Washington St., Suite 400
 Chicago, IL 60606

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

MCZ DEVELOPMENT INC. (Continued)
S104524999

PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	5/14/92
45 Report Received :	6/12/92
NFR Date Recorded :	Not reported

K41	MCZ DEVELOPMENT	SRP	S104491599
SE	1555 NORTH SHEFFIELD AVENUE		N/A
1/4-1/2			
1392 ft.	CHICAGO, IL 60622		
Higher	Site 2 of 4 in cluster K		
	SRP:		
	IL EPA Id :	0316245132	
	US EPA Id :	Not reported	
	Remediation Applicant Co :	Beverly-95th, LLC	
	Remediation Applicant Title :	Mr.	
	Contact First Name:	Sol	
	Contact Last Name :	Barket	
	Contact Address :	225 West Hubbard Street	
	Contact Address:	225 West Hubbard Street	
		4th Floor	
		Chicago, IL, 60610	
	Contact Phone :	(312) 832-2500	
	Date Enrolled :	07/23/1999	
	Consultant Company :	Pioneer Environmental, Inc.	
	Point Of Contact :	Jeffrey McClelland	
	Consultant Address:	700 North Sacramento Boulevard	
		Suite 101	
		Chicago, IL, 60612	
	Consultant Phone :	(312) 587-1021	
	Proj Mgr Assigned :	Gross	
	Sec. 4 Letter Date :	/ /	
	No Further Remediation Letter Dt :	05/11/2000	
	NFR Recorded :	05/23/2000	
	Active :	False	
	Total Acres :	0.99700	

K42	MCZ DEVELOPMENT INC	UST	U000791805
SE	1555 N SHEFFIELD		N/A
1/4-1/2			
1392 ft.	CHICAGO, IL 60622		
Higher	Site 3 of 4 in cluster K		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

MCZ DEVELOPMENT INC (Continued)

U000791805

UST:

Facility ID: 2029921
Status: Closed
Owner Name: Mcz Development Inc
Owner Address: 955 W Weed
Chicago, IL 60622
Contact: Lerner Michael
Phone #: (312) 573-1122
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Abandoned in place
Tank Last Used: 1/1/02 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 2000
Tank Age: 36
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2029921
Status: Closed
Owner Name: Mcz Development Inc
Owner Address: 955 W Weed
Chicago, IL 60622
Contact: Lerner Michael
Phone #: (312) 573-1122
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Abandoned in place
Tank Last Used: 1/1/02 00:00:00
Fee Owed: No
Tank Number: 2
Tank Capacity: 3000
Tank Age: 36
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2029921
Status: Closed
Owner Name: Mcz Development Inc
Owner Address: 955 W Weed
Chicago, IL 60622
Contact: Lerner Michael
Phone #: (312) 573-1122
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Abandoned in place
Tank Last Used: 1/1/02 00:00:00
Fee Owed: No
Tank Number: 3
Tank Capacity: 3000
Tank Age: 36
Tank Red Tag: No
Tank Substance: Heating Oil

Map ID	Direction	Distance	Distance (ft.)	Site	Database(s)	EDR ID Number	EPA ID Number
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K43 SE 1/4-1/2 1392 ft. Higher	CHICAGO ETCHING CORP 1555 N SHEFFIELD CHICAGO, IL 60622 Site 4 of 4 in cluster K	RCRIS: Owner: CLB HOLDING COMPANY INC (312) 555-1212 EPA ID: ILD041531575 Contact: GERALD MILLSAP (312) 641-1630 Classification: Small Quantity Generator Used Oil Recyc: No TSDF Activities: Not reported Violation Status: Violations exist Regulation Violated: 722.111 Area of Violation: GENERATOR-GENERAL REQUIREMENTS Date Violation Determined: 02/21/1992 Actual Date Achieved Compliance: Not reported Enforcement Action: VIOLATION NOTICE (VN) Enforcement Action Date: 06/25/1992 Penalty Type: Not reported Regulation Violated: 722.134(a) Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS Date Violation Determined: 02/21/1992 Actual Date Achieved Compliance: Not reported Enforcement Action: VIOLATION NOTICE (VN) Enforcement Action Date: 06/25/1992 Penalty Type: Not reported	RCRIS-SQG FINDS	1000166200 ILD041531575
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There are 2 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS GENERATOR-PRE-TRANSPORT REQUIREMENTS	

FINDS:

- Other Pertinent Environmental Activity Identified at Site:
 - AIRS Facility System (AIRS/AFS)
 - Facility Registry System (FRS)
 - Resource Conservation and Recovery Act Information system (RCRAINFO)
 - Toxic Chemical Release Inventory System (TRIS)

I44 NNW 1/4-1/2 1395 ft. Higher	REPUBLIC PIPE & SUPPLY CO 1970 CLYBOURN AVE CHICAGO, IL 60659 Site 3 of 3 in cluster I	UST	U001142998 N/A
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UST:

- Facility ID: 2013963
- Status: Closed
- Owner Name: Not reported
- Owner Address:
- Contact: Homer Richard S
- Phone #: (312) 368-2100

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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REPUBLIC PIPE & SUPPLY CO (Continued)
U001142998

Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: Not reported
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 1000
 Tank Age: 99
 Tank Red Tag: No
 Tank Substance: Gasoline

Facility ID: 2013963
 Status: Closed
 Owner Name: Not reported
 Owner Address:
 Contact: Homer Richard S
 Phone #: (312) 368-2100
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 9/1/81 00:00:00
 Fee Owed: No
 Tank Number: 2
 Tank Capacity: 2500
 Tank Age: 99
 Tank Red Tag: No
 Tank Substance: Heating Oil

L45
ESE
947 W NORTH AVE
1/4-1/2
CHICAGO, IL 60622
1401 ft.
Higher Site 1 of 8 in cluster L

UST U003762880
N/A

UST:
 Facility ID: 2040060
 Status: Exempt
 Owner Name: Unknown
 Owner Address: Unknown, IL 00000
 Contact: Not reported
 Phone #: Not reported
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 12/31/73 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 2500
 Tank Age: Not reported
 Tank Red Tag: No
 Tank Substance: Heating Oil

46
NE
1928 N SHEFFIELD
1/4-1/2
CHICAGO, IL 60614
1418 ft.
Higher

RCRIS-SQG 1000613826
FINDS ILD984841312

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

HITACHI INSTRUMENTS (Continued)

1000613826

RCRIS:

Owner: HITACHI INSTRUMENTS
(312) 404-2077

EPA ID: ILD984841312

Contact: MICHAEL POPE
(312) 404-2077

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

47
North
1/4-1/2
1431 ft.
Higher

ACCURATE DIE & STAMPING COMPANY DIVISION OF ALLIED
1947 NORTH MAUD AVENUE
CHICAGO, IL 60614

CERC-NFRAP 1003869998
ILD096798269

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Non NPL Code: NFRAP

Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	06/01/1981
Assessment:	PRELIMINARY ASSESSMENT	Completed:	09/01/1984
Assessment:	SITE INSPECTION	Completed:	09/24/1985
Assessment:	HRS PACKAGE	Completed:	12/20/1985
Assessment:	ARCHIVE SITE	Completed:	12/14/1995

CERCLIS-NFRAP Alias Name(s):

ACCURATE DIE & STAMPING CO DIV OF ALLIED

48
NNE
1/4-1/2
1447 ft.
Higher

ST. TERESA CATHOLIC CHURCH
1930 NORTH KENMORE
CHICAGO, IL 60614

LUST S105155458
N/A

LUST:

Incident Num :	20011866
IL EPA Id :	0316075214
IEMA Date :	11/8/01
Attn :	Fr. John Hoffman
PRP Name :	St. Teresa Catholic Church
PRP Address :	1037 West Armitage Ave. Chicago, IL 60614
PRP Phone :	7735286650
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

ST. TERESA CATHOLIC CHURCH (Continued)

S105155458

Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

L49 **NORTH AVE. COLLECTION**
ESE **925 WEST NORTH AVE.**
1/4-1/2 **CHICAGO, IL 60622**
1504 ft.
Higher **Site 2 of 8 in cluster L**

LUST **S104872157**
N/A

LUST:	
Incident Num :	20002321
IL EPA Id :	0316245046
IEMA Date :	12/5/00
Attn :	Nick Stocking
PRP Name :	North Ave. Collection
PRP Address :	225 West Hubbard, 4th Fl. Chicago, IL 60610
PRP Phone :	3128322500
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	6/25/02
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	3/21/01
45 Report Received :	8/6/01
NFR Date Recorded :	Not reported

L50 **GOLD COAST AUTO BODY**
ESE **925 W NORTH AVE**
1/4-1/2 **CHICAGO, IL 60622**
1504 ft.
Higher **Site 3 of 8 in cluster L**

RCRIS-SQG **1000182955**
FINDS **ILD982644593**

Map ID	Direction	Distance	Distance (ft.)	Site	MAP FINDINGS	EDR ID Number	EPA ID Number
					Database(s)		

GOLD COAST AUTO BODY (Continued)
1000182955
RCRIS:

Owner: NAME NOT REPORTED

(312) 555-1212

EPA ID: ILD982644593

Contact: ROBERT MURATA

(312) 915-0599

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

L51	LOEBER MOTORES	UST	U001142511
ESE	925 W NORTH AVE		N/A
1/4-1/2	CHICAGO, IL 60622		
1504 ft.			

Higher Site 4 of 8 in cluster L

UST:

Facility ID: 2028800

Status: Closed

Owner Name: Loeber Motors Inc

Owner Address: 1127 W Division
Chicago, IL 60622

Contact: Martino Lorenzo

Phone #: (312) 787-0333

Permit Number: Not reported

Permit Expires: Not reported

Tank Status: Removed

Tank Last Used: 1/1/91 00:00:00

Fee Owed: No

Tank Number: 1

Tank Capacity: 560

Tank Age: 10

Tank Red Tag: No

Tank Substance: Not reported

M52	MIDWEST ZINC	SRP	S105424210
SSE	1001 WEST WEED STREET		N/A
1/4-1/2	CHICAGO, IL 60622		
1533 ft.			

Same Site 1 of 2 in cluster M

SRP:

IL EPA Id : 0316246272

US EPA Id : ILR000054411

Remediation Applicant Co : Weed Street LLC

Remediation Applicant Title : President

Contact First Name: Howard

Contact Last Name : Robinson

Contact Address : 109 North Post Oak Lane

Contact Address: 109 North Post Oak Lane

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

MIDWEST ZINC (Continued)

S105424210

Suite 410
Houston, TX, 77024
Contact Phone : 7036829898
Date Enrolled : 05/09/2002
Consultant Company : Noble & Associates, Inc.
Point Of Contact : George Noble, P.E.
Consultant Address: 1378 Ashland Avenue
Wilmette, IL, 60091
Consultant Phone : (847) 853-0599
Proj Mgr Assigned : Smith
Sec. 4 Letter Date : / /
No Further Remediation Letter Dt : / /
NFR Recorded : / /
Active : True
Total Acres : 1.77000

M53 MIDWEST ZINC DIV OF US ZINC
SSE 1001 W WEED ST
1/4-1/2 CHICAGO, IL 60622
1533 ft.
Same Site 2 of 2 in cluster M

RCRIS-SQG 1001227961
FINDS ILR000054411

RCRIS:

Owner: MIDWEST ZINC DIV OF US ZINC
(312) 944-1505
EPA ID: ILR000054411
Contact: MIKE BARKER
(312) 944-1505

Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

L54 LAKE CITY PLATING WORKS INC
ESE 917 W NORTH AVE
1/4-1/2 CHICAGO, IL 60622
1542 ft.
Higher Site 5 of 8 in cluster L

RCRIS-SQG 1004696812
FINDS ILR000058578

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

LAKE CITY PLATING WORKS INC (Continued)
1004696812
RCRIS:

Owner: PASCHELKE PHYLLIS
(773) 539-5149

EPA ID: ILR000058578

Contact: FRED PASCHELKE
(312) 787-5128

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

L55	LAKE CITY PLATING WORKS 917 WEST NORTH AVENUE CHICAGO, IL 60622	SRP	S104562099
ESE 1/4-1/2 1542 ft. Higher			N/A

Site 6 of 8 in cluster L
SRP:

IL EPA Id :	0316246286
US EPA Id :	ILR000058578
Remediation Applicant Co :	Centrum Properties, Inc.
Remediation Applicant Title :	Mr.
Contact First Name:	Sol
Contact Last Name :	Barket
Contact Address :	225 West Hubbard Street
Contact Address:	225 West Hubbard Street
	Chicago, IL, 60610
Contact Phone :	3128322500
Date Enrolled :	08/07/2000
Consultant Company :	Clayton Group Services
Point Of Contact :	Gary R. Perkowitz
Consultant Address:	3140 Finley Road
	Downers Grove, IL, 60515
Consultant Phone :	(630) 795-3200
Proj Mgr Assigned :	Sanders
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	06/25/2002
NFR Recorded :	08/14/2002
Active :	False
Total Acres :	1.22000

L56	VACANT PRPERTY 915-17 W NORTH AVE CHICAGO, IL 60622	UST	U003762999
ESE 1/4-1/2 1552 ft. Higher			N/A

Site 7 of 8 in cluster L
UST:

Facility ID: 2040279
Status: Exempt
Owner Name: Centrum Properties

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

VACANT PROPERTY (Continued)

U003762999

Owner Address: 225 W. Hubbard Street
Chicago, IL 60610

Contact: Not reported

Phone #: Not reported

Permit Number: Not reported

Permit Expires: Not reported

Tank Status: Exempt from registration

Tank Last Used: 12/31/73 00:00:00

Fee Owed: No

Tank Number: 1

Tank Capacity: 2000

Tank Age: Not reported

Tank Red Tag: No

Tank Substance: Heating Oil

Facility ID: 2040279

Status: Exempt

Owner Name: Centrum Properties

Owner Address: 225 W. Hubbard Street
Chicago, IL 60610

Contact: Not reported

Phone #: Not reported

Permit Number: Not reported

Permit Expires: Not reported

Tank Status: Exempt from registration

Tank Last Used: 12/31/73 00:00:00

Fee Owed: No

Tank Number: 2

Tank Capacity: 2000

Tank Age: Not reported

Tank Red Tag: No

Tank Substance: Heating Oil

Facility ID: 2040279

Status: Exempt

Owner Name: Centrum Properties

Owner Address: 225 W. Hubbard Street
Chicago, IL 60610

Contact: Not reported

Phone #: Not reported

Permit Number: Not reported

Permit Expires: Not reported

Tank Status: Exempt from registration

Tank Last Used: 12/31/73 00:00:00

Fee Owed: No

Tank Number: 3

Tank Capacity: 190

Tank Age: Not reported

Tank Red Tag: No

Tank Substance: Heating Oil

Facility ID: 2040279

Status: Exempt

Owner Name: Centrum Properties

Owner Address: 225 W. Hubbard Street
Chicago, IL 60610

Contact: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

U003762999

VACANT PRPERTY (Continued)

Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 4
Tank Capacity: 550
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2040279
Status: Exempt
Owner Name: Centrum Properties
Owner Address: 225 W. Hubbard Street
Chicago, IL 60610
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 5
Tank Capacity: 275
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

Facility ID: 2040279
Status: Exempt
Owner Name: Centrum Properties
Owner Address: 225 W. Hubbard Street
Chicago, IL 60610
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 6
Tank Capacity: 275
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

J57 KILOBAR COMPACTING CORP
WNW 1700 N THROOP ST
1/4-1/2 CHICAGO, IL 60622
1559 ft.
Lower Site 3 of 3 in cluster J

RCRIS-SQG 1004693656
FINDS ILD984837484

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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KILOBAR COMPACTING CORP (Continued)
1004693656
RCRIS:

Owner: DALESSANDRO FRANKLIN AND JUDITH

(312) 235-2140

EPA ID: ILD984837484

Contact: HENRY WIENHOLTS

(312) 235-2140

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

N58	WELDING APPARATUS CO	RCRIS-SQG	1000189509
West	1668 N ADA ST	FINDS	ILD005111513
1/4-1/2	CHICAGO, IL 60622		
1567 ft.			

Lower Site 1 of 3 in cluster N

RCRIS:

Owner: TERZIC BRANT

(312) 555-1212

EPA ID: ILD005111513

Contact: BRANT TERZIC

(312) 252-7670

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

N59	1348 WEST CONCORD BUILDING	SRP	S104872944
WSW	1348 WEST CONCORD PLACE		N/A
1/4-1/2	CHICAGO, IL 60622		
1568 ft.			

Lower Site 2 of 3 in cluster N

SRP:

IL EPA Id : 0316246295

US EPA Id : Not reported

Remediation Applicant Co : Rafson Engineering

Remediation Applicant Title : Mr.

Contact First Name: Robert

Contact Last Name: Rafson

Contact Address : 1401 West Wabansia Street

Contact Address: 1401 West Wabansia Street

Chicago, IL, 60622

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

1348 WEST CONCORD BUILDING (Continued)
S104872944

Contact Phone : (773) 384-3841
 Date Enrolled : 04/14/1999
 Consultant Company : Rafson Engineering
 Point Of Contact : Robert Rafson, P.E.
 Consultant Address: 1401 West Wabansia Street
 Chicago, IL, 60622
 Consultant Phone : (773) 384-3841
 Proj Mgr Assigned : Catlin
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 10/25/2000
 NFR Recorded : 11/17/2000
 Active : False
 Total Acres : 0.15000

N60 1348 W CONCORD BLDG UST U002112758
WSW 1348 W CONCORD N/A
1/4-1/2 CHICAGO, IL 60622

1568 ft.
Lower Site 3 of 3 in cluster N

UST:
 Facility ID: 2033563
 Status: Exempt
 Owner Name: 1348 W Concord Bldg
 Owner Address: 1348 W Concord
 Chicago, IL 60622
 Contact: Loebel Thomas
 Phone #: (708) 386-6750
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 1/1/01 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 275
 Tank Age: 97
 Tank Red Tag: No
 Tank Substance: Gasoline

L61 FIRESTONE RCRIS-SQG 1000612871
ESE 909 W NORTH AVE FINDS ILD984831081
1/4-1/2 CHICAGO, IL 60622

1580 ft.
Higher Site 8 of 8 in cluster L

RCRIS:
 Owner: FIRESTONE CORP
 (312) 555-1212
 EPA ID: ILD984831081
 Contact: NORB SOBEL
 (312) 787-8828
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			
			Database(s)

FIRESTONE (Continued)
1000612871

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

O62	MUSKIE ENTERPRISES	SRP	S104491600
WSW	1322 WEST NORTH AVENUE		N/A
1/4-1/2	CHICAGO, IL 60622		
1591 ft.			
Lower	Site 1 of 4 in cluster O		

SRP:

IL EPA Id :	0316245159
US EPA Id :	Not reported
Remediation Applicant Co :	Muskie Enterprises
Remediation Applicant Title :	Mr.
Contact First Name:	Mark
Contact Last Name :	Mattes
Contact Address :	625 North Sacramento Boulevard
Contact Address:	625 North Sacramento Boulevard
	Chicago, IL, 60612
Contact Phone :	(312) 722-3300
Date Enrolled :	10/04/1993
Consultant Company :	Schrack Environmental Consulting, Inc.
Point Of Contact :	Ronald W. Schrack, P.E.
Consultant Address:	2 Mid America Plaza
	Suite 800-PMB 8008
	Oakbrook Terrace, IL, 60181
Consultant Phone :	(630) 495-0707
Proj Mgr Assigned :	Smith
Sec. 4 Letter Date :	11/19/1993
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	False
Total Acres :	0.00000

O63	MUSKIE ENTERPRISES	UST	U001386570
WSW	1322 W NORTH AVE		N/A
1/4-1/2	CHICAGO, IL 60622		
1591 ft.			
Lower	Site 2 of 4 in cluster O		

UST:

Facility ID:	2032017
Status:	Exempt
Owner Name:	Muskie Enterprises
Owner Address:	625 N Sacramento Blvd
	Chicago, IL 60612
Contact:	Not reported
Phone #:	Not reported
Permit Number:	Not reported
Permit Expires:	Not reported
Tank Status:	Exempt from registration
Tank Last Used:	1/1/72 00:00:00
Fee Owed:	No
Tank Number:	1

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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MUSKIE ENTERPRISES (Continued)

U001386570

Tank Capacity: 1500
 Tank Age: 58
 Tank Red Tag: No
 Tank Substance: Heating Oil

64 ACHIEVOR TIRE, L.P. SRP **S104491536**

NNW 2000 NORTH CLYBOURN AVENUE
 1/4-1/2 CHICAGO, IL 60614

N/A

1632 ft.
 Higher

SRP:

IL EPA Id : 0316075135
 US EPA Id : Not reported
 Remediation Applicant Co : Clybourn Cortland, L.L.C.
 Remediation Applicant Title : Mr.
 Contact First Name: Douglas
 Contact Last Name : Felten
 Contact Address : 5225 Old Orchard Road
 Contact Address: 5225 Old Orchard Road
 Suite 27A
 Skokie, IL, 60077
 Contact Phone : (847) 581-9955
 Date Enrolled : 04/08/1998
 Consultant Company : Pioneer Environmental, Inc.
 Point Of Contact : Michael Cannizzo
 Consultant Address: 700 North Sacramento Boulevard
 Suite 101
 Chicago, IL, 60612
 Consultant Phone : (312) 587-1021
 Proj Mgr Assigned : L-Jones
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 07/24/1998
 NFR Recorded : 09/08/1998
 Active : False
 Total Acres : 2.25000

P65 SEIGLE HOMES CENTER UST **U000792090**
ESE 900 W NORTH AVE N/A

1/4-1/2
 1675 ft.
 Higher

Site 1 of 6 in cluster P

UST:

Facility ID: 2029353
 Status: Closed
 Owner Name: Harry & Mark Seigle
 Owner Address: 1331 Davis Road
 Elgin, IL 60123
 Contact: Seigle Harry J
 Phone #: (847) 742-2000
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 1/1/60 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 1100

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

SEIGLE HOMES CENTER (Continued)

U000792090

Tank Age: 96
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2029353
Status: Closed
Owner Name: Harry & Mark Seigle
Owner Address: 1331 Davis Road
Elgin, IL 60123
Contact: Seigle Harry J
Phone #: (847) 742-2000
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 1/1/60 00:00:00
Fee Owed: No
Tank Number: 2
Tank Capacity: 1100
Tank Age: 96
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2029353
Status: Closed
Owner Name: Harry & Mark Seigle
Owner Address: 1331 Davis Road
Elgin, IL 60123
Contact: Seigle Harry J
Phone #: (847) 742-2000
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 1/1/60 00:00:00
Fee Owed: No
Tank Number: 3
Tank Capacity: 1000
Tank Age: 96
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2029353
Status: Closed
Owner Name: Harry & Mark Seigle
Owner Address: 1331 Davis Road
Elgin, IL 60123
Contact: Seigle Harry J
Phone #: (847) 742-2000
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 1/1/60 00:00:00
Fee Owed: No
Tank Number: 4
Tank Capacity: 1000
Tank Age: 96
Tank Red Tag: No
Tank Substance: Gasoline

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

Database(s)

SEIGLE HOMES CENTER (Continued)

U000792090

Facility ID: 2029353
Status: Closed
Owner Name: Harry & Mark Seigle
Owner Address: 1331 Davis Road
Elgin, IL 60123
Contact: Seigle Harry J
Phone #: (847) 742-2000
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 5
Tank Capacity: 300
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

P66 SIEGLE'S HOME & BLDG CTR.
ESE 900 WEST NORTH AVE.
1/4-1/2 CHICAGO, IL 60610
1675 ft.
Higher Site 2 of 6 in cluster P

LUST S104526021
N/A

LUST:
Incident Num : 911237
IL EPA Id : 0316085102
IEMA Date : 5/9/91
Attn : Not reported
PRP Name : Seigle s Home Building Center
PRP Address : 1331 Davis Rd.
Elgin, IL 60123
PRP Phone : Not reported
Non LUST Determination Letter : Not reported
NFA/NFR Letter : 4/5/95
Site Classification : Not reported
Project Manager : Lowder
Project Manager Phone: (217) 785-5734
Email : Mike.Lowder@epa.state.il.us
Section 57.59(g) : 731
Section 57.59(g) Letter : Not reported
Product - Gasoline: True
Product - Unleaded Gas: False
Product - Diesel: False
Product - Fuel Oil: False
Product - Jet Fuel: False
Product - Used Oil: False
Product - Non Petro: False
Product - Other Petro: False
20 Report Received : Not reported
45 Report Received : Not reported
NFR Date Recorded : Not reported

P67 SIEGLE'S HOME & BUILDING CENTER
ESE 900 WEST NORTH AVE.
1/4-1/2 CHICAGO, IL 60610
1675 ft.
Higher Site 3 of 6 in cluster P

LUST S104521440
N/A

Map ID	Direction	Distance	Distance (ft.)	Site	Database(s)	EDR ID Number	EPA ID Number
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SEIGLE'S HOME & BUILDING CENTER (Continued)

S104521440

LUST:

Incident Num :	971168
IL EPA Id :	0316085102
IEMA Date :	7/1/97
Attn :	Harry L. Siegle
PRP Name :	Seigle's Home Building Center
PRP Address :	1331 Davis Rd Elgin, IL 60123
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	Harlow
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	732
Section 57.59(g) Letter :	12/4/97
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

P68 SEIGLES ANZALONE BLDG CTR RCRIS-SQG 1000612793
 ESE 900 W NORTH AVE FINDS ILD984830281
 1/4-1/2 CHICAGO, IL 60622

1675 ft. Higher Site 4 of 6 in cluster P

RCRIS:

Owner:	SEIGLES ANZALONE BLDG CTR (312) 337-6767
EPA ID:	ILD984830281
Contact:	JOHN MAZUKELLY (312) 337-6767

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:	
Facility Registry System (FRS)	
Resource Conservation and Recovery Act Information system (RCRAINFO)	

69 ADAMA, LLC SRP S104491603
 SSW 1501 NORTH MAGNOLIA N/A
 1/4-1/2 CHICAGO, IL 60622
 1685 ft.
 Lower

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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ADAMA, LLC (Continued)
S104491603
SRP:

IL EPA Id : 0316246225
 US EPA Id : Not reported
 Remediation Applicant Co : Adama, LLC
 Remediation Applicant Title : Mr.
 Contact First Name: Ari
 Contact Last Name : Golan
 Contact Address : 507 West North Avenue
 Contact Address: 507 West North Avenue
 Chicago, IL, 60610
 Contact Phone : (312) 443-1386
 Date Enrolled : 09/26/1996
 Consultant Company : Gabriel Environmental Services
 Point Of Contact : William R. Hoyerman
 Consultant Address: 1421 North Elston Avenue
 Chicago, IL, 60622
 Consultant Phone : (312) 486-2123
 Proj Mgr Assigned : L-Jones
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 12/18/1996
 NFR Recorded : / /
 Active : False
 Total Acres : 0.80000

IL EPA Id : 0316246225
 US EPA Id : Not reported
 Remediation Applicant Co : Adama, LLC
 Remediation Applicant Title : Mr.
 Contact First Name: Ari
 Contact Last Name : Golan
 Contact Address : 507 West North Avenue
 Contact Address: 507 West North Avenue
 Chicago, IL, 60610
 Contact Phone : (312) 443-1386
 Date Enrolled : 09/26/1996
 Consultant Company : Gabriel Environmental Services
 Point Of Contact : William R. Hoyerman
 Consultant Address: 1421 North Elston Avenue
 Chicago, IL, 60622
 Consultant Phone : (312) 486-2123
 Proj Mgr Assigned : L-Jones
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 01/03/1997
 NFR Recorded : / /
 Active : False
 Total Acres : 0.80000

IL EPA Id : 0316246225
 US EPA Id : Not reported
 Remediation Applicant Co : Adama, LLC
 Remediation Applicant Title : Mr.
 Contact First Name: Ari
 Contact Last Name : Golan
 Contact Address : 507 West North Avenue
 Contact Address: 507 West North Avenue
 Chicago, IL, 60610
 Contact Phone : (312) 443-1386

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	EDR ID Number	EPA ID Number
						Database(s)		

ADAMA, LLC (Continued)
S104491603

Date Enrolled : 09/26/1996
 Consultant Company : Gabriel Environmental Services
 Point Of Contact : William R. Hoyerman
 Consultant Address: 1421 North Elston Avenue
 Chicago, IL, 60622
 Consultant Phone : (312) 486-2123
 Proj Mgr Assigned : L-Jones
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 07/30/2001
 NFR Recorded : 10/04/2001
 Active : False
 Total Acres : 0.80000

Q70 923 WEST WEED STREET L.L.C.
SE 923 WEST WEED STREET
1/4-1/2 CHICAGO, IL 60622
1685 ft.
Higher Site 1 of 4 in cluster Q

SRP S104491605
N/A

SRP:
 IL EPA Id : 0316246303
 US EPA Id : Not reported
 Remediation Applicant Co : 923 Weed L.L.C.
 Remediation Applicant Title : Mr.
 Contact First Name: Michael
 Contact Last Name : LaPorta
 Contact Address : 1630 North Orchard Street
 Contact Address: 1630 North Orchard Street
 Chicago, IL, 60614
 Contact Phone : (312) 492-6500
 Date Enrolled : 08/09/1999
 Consultant Company : Gabriel Environmental Services
 Point Of Contact : Robert Wayner
 Consultant Address: 1421 North Elston Avenue
 Chicago, IL, 60622
 Consultant Phone : (773) 486-2123
 Proj Mgr Assigned : L-Bloome
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 10/28/1999
 NFR Recorded : / /
 Active : False
 Total Acres : 0.02900

IL EPA Id : 0316246303
 US EPA Id : Not reported
 Remediation Applicant Co : 923 Weed L.L.C.
 Remediation Applicant Title : Mr.
 Contact First Name: Michael
 Contact Last Name : LaPorta
 Contact Address : 1630 North Orchard Street
 Contact Address: 1630 North Orchard Street
 Chicago, IL, 60614
 Contact Phone : (312) 492-6500
 Date Enrolled : 08/09/1999
 Consultant Company : Gabriel Environmental Services
 Point Of Contact : Robert Wayner
 Consultant Address: 1421 North Elston Avenue
 Chicago, IL, 60622
 Consultant Phone : (773) 486-2123

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

923 WEST WEED STREET L.L.C. (Continued)
S104491605

Proj Mgr Assigned : L-Bloome
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 12/28/1999
 NFR Recorded : 01/11/2000
 Active : False
 Total Acres : 0.02900

71 **SVC ABOVE BEYOND**
SW **1512 N TROOP**
1/4-1/2 **CHICAGO, IL 60622**
1743 ft.
Lower

FINDS **1000612390**
RCRIS-LQG **ILD984826180**

RCRIS:
 Owner: CAPPELLAR FRED
 EPA ID: ILD984826180
 Contact: DON SWANSON
 (312) 489-7222
 Classification: Large Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

Q72 **OFF TRACK BETTING**
SE **911 WEED ST., 901-911 WEED ST., 1 L**
1/4-1/2 **CHICAGO, IL 60622**
1765 ft.
Higher

LUST **S105621030**
N/A

Site 2 of 4 in cluster Q
 LUST:
 Incident Num : 930523
 IL EPA Id : 0316245155
 IEMA Date : 3/3/93
 Attn : Doug Miller
 PRP Name : Off Track Betting
 PRP Address : 212 Ohio St.
 Chicago, IL 60611
 PRP Phone : Not reported
 Non LUST Determination Letter : Not reported
 NFA/NFR Letter : Not reported
 Site Classification : Not reported
 Project Manager : NOT ASSIGNED
 Project Manager Phone: Not reported
 Email : Not reported
 Section 57.59(g) : 731
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: False
 Product - Unleaded Gas: False
 Product - Diesel: False
 Product - Fuel Oil: True
 Product - Jet Fuel: False

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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MAP FINDINGS

OFF TRACK BETTING (Continued)

S105621030

Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

R73 AMOCO SS #15691/FAC #24662
 WSW 1600 N ELSTON
 1/4-1/2 CHICAGO, IL 60622
 1809 ft.
 Lower Site 1 of 7 in cluster R

UST U000172788
 N/A

UST:
 Facility ID: 2022746
 Status: Active
 Owner Name: BP Products North America, Inc.
 Owner Address: 28100 Torch Parkway
 3rd Floor Suite 300
 Warrenville, IL 60555
 Contact: Kocon Mike
 Phone #: (630) 990-5721
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Currently in use
 Tank Last Used: Not reported
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 10000
 Tank Age: 14
 Tank Red Tag: No
 Tank Substance: Gasoline

Facility ID: 2022746
 Status: Active
 Owner Name: BP Products North America, Inc.
 Owner Address: 28100 Torch Parkway
 3rd Floor Suite 300
 Warrenville, IL 60555
 Contact: Kocon Mike
 Phone #: (630) 990-5721
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Currently in use
 Tank Last Used: Not reported
 Fee Owed: No
 Tank Number: 2
 Tank Capacity: 10000
 Tank Age: 14
 Tank Red Tag: No
 Tank Substance: Gasoline

Facility ID: 2022746
 Status: Active
 Owner Name: BP Products North America, Inc.
 Owner Address: 28100 Torch Parkway
 3rd Floor Suite 300
 Warrenville, IL 60555
 Contact: Kocon Mike

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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MAP FINDINGS

AMOCO SS #15691/FAC #24662 (Continued)

U000172788

Phone #: (630) 990-5721
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Currently in use
 Tank Last Used: Not reported
 Fee Owed: No
 Tank Number: 3
 Tank Capacity: 12000
 Tank Age: 14
 Tank Red Tag: No
 Tank Substance: Gasoline

Facility ID: 2022746
 Status: Active
 Owner Name: BP Products North America, Inc.
 Owner Address: 28100 Torch Parkway
 3rd Floor Suite 300
 Warrenville, IL 60555
 Contact: Kocon Mike
 Phone #: (630) 990-5721
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: Not reported
 Fee Owed: No
 Tank Number: 4
 Tank Capacity: 500
 Tank Age: Not reported
 Tank Red Tag: No
 Tank Substance: Used Oil

Facility ID: 2022746
 Status: Active
 Owner Name: BP Products North America, Inc.
 Owner Address: 28100 Torch Parkway
 3rd Floor Suite 300
 Warrenville, IL 60555
 Contact: Kocon Mike
 Phone #: (630) 990-5721
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: Not reported
 Fee Owed: No
 Tank Number: 5
 Tank Capacity: 8000
 Tank Age: Not reported
 Tank Red Tag: No
 Tank Substance: Gasoline

Facility ID: 2022746
 Status: Active
 Owner Name: BP Products North America, Inc.
 Owner Address: 28100 Torch Parkway
 3rd Floor Suite 300
 Warrenville, IL 60555
 Contact: Kocon Mike

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

AMOCO SS #15691/FAC #24662 (Continued)

U000172788

Phone #: (630) 990-5721
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 6
Tank Capacity: 8000
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Gasoline

Facility ID: 2022746
Status: Active
Owner Name: BP Products North America, Inc.
Owner Address: 28100 Torch Parkway
3rd Floor Suite 300
Warrenville, IL 60555
Contact: Kocon Mike
Phone #: (630) 990-5721
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: Not reported
Fee Owed: No
Tank Number: 7
Tank Capacity: 8000
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Gasoline

074 RMHC CORP.
SW 1535 NORTH ELSTON AVE.
1/4-1/2 CHICAGO, IL 60622
1812 ft.
Lower Site 3 of 4 in cluster O

LUST S105059973
N/A

LUST:
Incident Num : 20010922
IL EPA Id : 0316245330
IEMA Date : 5/30/01
Attn : John Hansen
PRP Name : RMHC Corp.
PRP Address : 1535 North Elston Ave.
Chicago, IL 60622
PRP Phone : 7733955100
Non LUST Determination Letter : Not reported
NFA/NFR Letter : 12/14/01
Site Classification : Not reported
Project Manager : Rothering
Project Manager Phone: (217) 785-1858
Email : Scott.Rothering@epa.state.il.us
Section 57.59(g) : 732
Section 57.59(g) Letter : Not reported
Product - Gasoline: False
Product - Unleaded Gas: False
Product - Diesel: False
Product - Fuel Oil: False
Product - Jet Fuel: False

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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RMHC CORP. (Continued)

S105059973

Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	6/29/01
45 Report Received :	7/16/01
NFR Date Recorded :	5/14/02

O75 **ELSTON INVESTORS LLC**
SW 1535 N ELSTON AVE
1/4-1/2 CHICAGO, IL 60622
1812 ft.
Lower Site 4 of 4 in cluster O

UST U003853262
N/A

UST:
Facility ID: 2040851
Status: Exempt
Owner Name: Elston Investors LLC
Owner Address: 1950 N Elston #201
Chicago, IL 60622
Contact: Not reported
Phone #: Not reported
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Exempt from registration
Tank Last Used: 12/31/73 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 1500
Tank Age: Not reported
Tank Red Tag: No
Tank Substance: Heating Oil

R76 **JAMES PRECIOUS METALS PLATING INC**
WSW 1609-11 ELSTON AVE
1/4-1/2 CHICAGO, IL 60622
1817 ft.
Lower Site 2 of 7 in cluster R

RCRIS-SQG 1000221355
FINDS ILD990817611

RCRIS:
Owner: JACOBSEN ERIC
(312) 555-1212
EPA ID: ILD990817611
Contact: KEN JACOBSEN
(312) 342-2121
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

MAP FINDINGS

Map ID	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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JAMES PRECIOUS METALS PLATING INC (Continued)

1000221355

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

P77	865 W NORTH AVE BUILDING	UST	U003668153
ESE	865 W NORTH AVE		N/A
1/4-1/2	CHICAGO, IL 60622		
1818 ft.			
Higher	Site 5 of 6 in cluster P		
	UST:		
	Facility ID: 2037023		
	Status: Exempt		
	Owner Name: Tri Equities Llc		
	Owner Address: 1687 Elmhurst Road Elk Grove Village, IL 60007		
	Contact: Coyne Daniel		
	Phone #: (630) 690-0189		
	Permit Number: Not reported		
	Permit Expires: Not reported		
	Tank Status: Exempt from registration		
	Tank Last Used: 12/31/73 00:00:00		
	Fee Owed: No		
	Tank Number: 1		
	Tank Capacity: 1500		
	Tank Age: Not reported		
	Tank Red Tag: No		
	Tank Substance: Heating Oil		
	Facility ID: 2037023		
	Status: Exempt		
	Owner Name: Tri Equities Llc		
	Owner Address: 1687 Elmhurst Road Elk Grove Village, IL 60007		
	Contact: Coyne Daniel		
	Phone #: (630) 690-0189		
	Permit Number: Not reported		
	Permit Expires: Not reported		
	Tank Status: Exempt from registration		
	Tank Last Used: 12/31/73 00:00:00		
	Fee Owed: No		
	Tank Number: 2		
	Tank Capacity: 2500		
	Tank Age: Not reported		
	Tank Red Tag: No		
	Tank Substance: Heating Oil		

P78	TRI EQUITIES LLC	LUST	S104528636
ESE	865 WEST NORTH AVE.		N/A
1/4-1/2	CHICAGO, IL 60622		
1818 ft.			
Higher	Site 6 of 6 in cluster P		

LUST:

Incident Num :	980733
IL EPA Id :	0316246273
IEMA Date :	4/3/98

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance (ft.)			
Elevation		Database(s)	

TRI EQUITIES LLC (Continued)
S104528636

Attn :	Joe Hassen
PRP Name :	Tri Equities LLC
PRP Address :	1687 Elmhurst Rd. Elk Grove, IL 60007
PRP Phone :	3123375100
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	Carlock
Project Manager Phone:	1-888-299-9533
Email :	Not reported
Section 57.59(g) :	732
Section 57.59(g) Letter :	12/2/98
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

S79
North
1/4-1/2
1834 ft.
Higher **BUDGET RENT A CAR**
1135 W ARMITAGE
CHICAGO, IL 60614

FINDS 1001487460
LUST ILR000063768
RCRIS-LQG

Site 1 of 2 in cluster S

RCRIS:
 Owner: BUDGET RENT A CAR
 (630) 955-7203
 EPA ID: ILR000063768
 Contact: KARL WESTERMANN
 (630) 955-7203

Classification: Large Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 AIRS Facility System (AIRS/AFS)
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:

Incident Num :	942448
IL EPA Id :	0316075131
IEMA Date :	10/31/94
Attn :	Karl Westermann
PRP Name :	Budget Rent A Car
PRP Address :	4225 Naperville Rd. Lisle, IL 60532
PRP Phone :	Not reported

Map ID	Distance (ft.)	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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BUDGET RENT A CAR (Continued)
1001487460

Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	4/11/96
Site Classification :	NFA
Project Manager :	Piggush
Project Manager Phone:	(217) 782-3101
Email :	Michael.Piggush@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	True
Product - Diesel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	11/23/94
45 Report Received :	12/29/94
NFR Date Recorded :	Not reported
Incident Num :	991296
IL EPA Id :	0316075131
IEMA Date :	6/1/99
Attn :	Karl Westermann
PRP Name :	Budget Rent A Car
PRP Address :	4225 Naperville Rd. Lisle, IL 60532
PRP Phone :	6309557203
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	Piggush
Project Manager Phone:	(217) 782-3101
Email :	Michael.Piggush@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	7/1/99
45 Report Received :	7/26/99
NFR Date Recorded :	Not reported

S80 **BUDGET RENT A CAR SYSTEM, INC.**
North **1135 W. ARMITAGE**
1/4-1/2 **CHICAGO, IL 60614**
1834 ft.
Higher **Site 2 of 2 in cluster S**

UST U002112776
N/A

UST:
Facility ID: 2033754
Status: Closed
Owner Name: Budget Rent A Car Systems, Inc.
Owner Address: 4225 Naperville Rd.

Map ID	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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BUDGET RENT A CAR SYSTEM, INC. (Continued)
U002112776

Lisle, IL 62532
 Contact: Karl Wstermann
 Phone #: (630) 955-7203
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 12/22/98 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 5000
 Tank Age: 14
 Tank Red Tag: No
 Tank Substance: Gasoline

Facility ID: 2033754
 Status: Closed
 Owner Name: Budget Rent A Car Systems, Inc.
 Owner Address: 4225 Naperville Rd.
 Lisle, IL 62532
 Contact: Karl Wstermann
 Phone #: (630) 955-7203
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 1/1/70 00:00:00
 Fee Owed: No
 Tank Number: 2
 Tank Capacity: 500
 Tank Age: Not reported
 Tank Red Tag: No
 Tank Substance: Heating Oil

Facility ID: 2033754
 Status: Closed
 Owner Name: Budget Rent A Car Systems, Inc.
 Owner Address: 4225 Naperville Rd.
 Lisle, IL 62532
 Contact: Karl Wstermann
 Phone #: (630) 955-7203
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 1/1/70 00:00:00
 Fee Owed: No
 Tank Number: 3
 Tank Capacity: 500
 Tank Age: Not reported
 Tank Red Tag: No
 Tank Substance: Heating Oil

Q81 AMERICAN AUTOMOTIVE PARTS INC
 SE 900 W WEED
 1/4-1/2 CHICAGO, IL 60622
 1835 ft.
 Higher Site 3 of 4 in cluster Q

RCRIS-SQG 1000359809
 FINDS ILD025181827

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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AMERICAN AUTOMOTIVE PARTS INC (Continued)
1000359809
RCRIS:

Owner: MOODY JERRY
 (312) 555-1212

EPA ID: ILD025181827

Contact: JERRY MOODY
 (312) 943-8976

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

Q82	BARRISTER DEVELOP	UST	U003668050
SE	901 W WEED		N/A
1/4-1/2	CHICAGO, IL 60601		
1835 ft.			
Higher	Site 4 of 4 in cluster Q		

UST:

Facility ID: 2036900
 Status: Exempt
 Owner Name: Barrister Develop
 Owner Address: 901 W Weed
 Chicago, IL 60601
 Contact: Not reported
 Phone #: Not reported
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 12/31/73 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 6000
 Tank Age: Not reported
 Tank Red Tag: No
 Tank Substance: Heating Oil

83	HEDMAN LOFTS	RCRIS-SQG	1000295382
North	1158 W ARMITAGE AVE	FINDS	ILD005105051
1/4-1/2	CHICAGO, IL 60614		
1843 ft.			
Higher			

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
Site EPA ID Number

HEDMAN LOFTS (Continued)

1000295382

RCRIS:

Owner: LINDBERG ROLLIN
(312) 555-1212
EPA ID: ILD005105051
Contact: GENE NORMAN
(312) 871-6500

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

T84 **R.S. INDUSTRIES INC.**
West **1651 NORTH ELSTON AVE.**
1/4-1/2 **CHICAGO, IL 60622**
1895 ft.
Lower **Site 1 of 2 in cluster T**

LUST **S104524231**
 N/A

LUST:

Incident Num : 923644
IL EPA Id : 0316245148
IEMA Date : 12/23/92
Attn : Steve Shapiro
PRP Name : R.S. Industries Inc.
PRP Address : 1651 North Elston Ave.
Chicago, IL 60622
PRP Phone : Not reported
Non LUST Determination Letter : Not reported
NFA/NFR Letter : 6/24/94
Site Classification : Not reported
Project Manager : Blumhorst
Project Manager Phone: Not reported
Email : Not reported
Section 57.59(g) : 731
Section 57.59(g) Letter : Not reported
Product - Gasoline: False
Product - Unleaded Gas: False
Product - Diesel: True
Product - Fuel Oil: False
Product - Jet Fuel: False
Product - Used Oil: False
Product - Non Petro: False
Product - Other Petro: False
20 Report Received : 2/16/94
45 Report Received : 4/16/94
NFR Date Recorded : Not reported

U85 **FRANCHE D C & CO**
West **1401-90 W WABANSIA AVE**
1/4-1/2 **CHICAGO, IL 60622**
1896 ft.
Lower **Site 1 of 3 in cluster U**

CERCLIS **1000308370**
FINDS **ILD005121736**
RCRIS-LQG

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
Database(s) EPA ID Number

FRANCHE D C & CO (Continued)

1000308370

CERCLIS Classification Data:

Site Incident Category: Not reported Federal Facility: Not a Federal Facility
Non NPL Status: PA Start Needed
Ownership Status: Unknown NPL Status: Not on the NPL
Site Description: ABANDONED METAL COATINGS MANUFACTURER. TANKS & DRUMS OF PAINT/RESINS/SOLVENTS LEFT AT THE FACILITY.

CERCLIS Assessment History:

Assessment: DISCOVERY Completed: 05/04/1995
Assessment: REMOVAL Completed: 11/09/1995
Assessment: ADMIN ORDER ON CONSENT Completed: 05/24/1996

CERCLIS Site Status:

Not reported

RCRIS:

Owner: D C FRANCHE
(312) 555-1212
EPA ID: ILD005121736
Contact: DARIUS FRANCHE
(312) 384-4242

Classification: Large Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

Toxic Chemical Release Inventory System (TRIS)

U86 FORMER D C FRANCHE PAIN
West 1401 WABANSIA AVE
1/4-1/2 CHICAGO, IL 60622
1896 ft.
Lower Site 2 of 3 in cluster U

UST U001142370
N/A

UST:

Facility ID: 2012385
Status: Closed
Owner Name: Wabansia Corporation
Owner Address: 1401 W Wabansia
Chicago, IL 60622
Contact: Franche, Darius
Phone #: (312) 384-4242
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/88 00:00:00
Fee Owed: No
Tank Number: 1
Tank Capacity: 8000
Tank Age: 35
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012385

Map ID	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
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FORMER D C FRANCHE PAIN (Continued)

U001142370

Status: Closed
 Owner Name: Wabansia Corporation
 Owner Address: 1401 W Wabansia
 Chicago, IL 60622
 Contact: Franche, Darius
 Phone #: (312) 384-4242
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/88 00:00:00
 Fee Owed: No
 Tank Number: 2
 Tank Capacity: 8000
 Tank Age: 35
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

Facility ID: 2012385
 Status: Closed
 Owner Name: Wabansia Corporation
 Owner Address: 1401 W Wabansia
 Chicago, IL 60622
 Contact: Franche, Darius
 Phone #: (312) 384-4242
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/88 00:00:00
 Fee Owed: No
 Tank Number: 3
 Tank Capacity: 4000
 Tank Age: 35
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

Facility ID: 2012385
 Status: Closed
 Owner Name: Wabansia Corporation
 Owner Address: 1401 W Wabansia
 Chicago, IL 60622
 Contact: Franche, Darius
 Phone #: (312) 384-4242
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/88 00:00:00
 Fee Owed: No
 Tank Number: 4
 Tank Capacity: 4000
 Tank Age: 35
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

Facility ID: 2012385
 Status: Closed
 Owner Name: Wabansia Corporation
 Owner Address: 1401 W Wabansia

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FORMER D C FRANCHE PAIN (Continued)

U001142370

Contact: Chicago, IL 60622
Franche, Darius
Phone #: (312) 384-4242
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/88 00:00:00
Fee Owed: No
Tank Number: 5
Tank Capacity: 2000
Tank Age: 23
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012385
Status: Closed
Owner Name: Wabansia Corporation
Owner Address: 1401 W Wabansia
Chicago, IL 60622
Contact: Franche, Darius
Phone #: (312) 384-4242
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/88 00:00:00
Fee Owed: No
Tank Number: 6
Tank Capacity: 2000
Tank Age: 23
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012385
Status: Closed
Owner Name: Wabansia Corporation
Owner Address: 1401 W Wabansia
Chicago, IL 60622
Contact: Franche, Darius
Phone #: (312) 384-4242
Permit Number: Not reported
Permit Expires: Not reported
Tank Status: Removed
Tank Last Used: 1/1/88 00:00:00
Fee Owed: No
Tank Number: 7
Tank Capacity: 2000
Tank Age: 23
Tank Red Tag: No
Tank Substance: Hazardous Substance

Facility ID: 2012385
Status: Closed
Owner Name: Wabansia Corporation
Owner Address: 1401 W Wabansia
Chicago, IL 60622
Contact: Franche, Darius
Phone #: (312) 384-4242

Map ID

Direction

Distance

Distance (ft.)

Elevation Site

MAP FINDINGS

Database(s)	EDR ID Number
	EPA ID Number

FORMER D C FRANCHE PAIN (Continued)**U001142370**

Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 1/1/88 00:00:00
 Fee Owed: No
 Tank Number: 8
 Tank Capacity: 2000
 Tank Age: 23
 Tank Red Tag: No
 Tank Substance: Hazardous Substance

U87 COLUMBIA GRANT HOSPITAL WH
West 1400 W WABANSIA
1/4-1/2 CHICAGO, IL 60614
1896 ft.
Lower Site 3 of 3 in cluster U

UST U003667824
N/A

UST:
 Facility ID: 2036644
 Status: Exempt
 Owner Name: Columbia Grant Hospital
 Owner Address: 550 West Webster
 Chicago, IL 60614
 Contact: Pinka Jerry
 Phone #: (312) 883-2000
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 12/31/73 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 375
 Tank Age: Not reported
 Tank Red Tag: No
 Tank Substance: Heating Oil

Facility ID: 2036644
 Status: Exempt
 Owner Name: Columbia Grant Hospital
 Owner Address: 550 West Webster
 Chicago, IL 60614
 Contact: Pinka Jerry
 Phone #: (312) 883-2000
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 12/31/73 00:00:00
 Fee Owed: No
 Tank Number: 2
 Tank Capacity: 375
 Tank Age: Not reported
 Tank Red Tag: No
 Tank Substance: Heating Oil

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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T88	ELKWOOD PLATING INCORPORATED	RCRIS-SQG	1000438448
West	1657 NORTH ELSTON AVENUE	FINDS	ILD005126131
1/4-1/2	CHICAGO, IL 60622	UST	
1909 ft.		RAATS	
Lower	Site 2 of 2 in cluster T	CORRACTS	
		CERC-NFRAP	

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Non NPL Code: DR

Federal Facility: Not a Federal Facility

Ownership Status: Unknown

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: ARCHIVE SITE

Completed: 10/12/1992
Completed: 03/16/1993
Completed: 12/01/1995

CORRACTS Data:

EPA Id:	ILD005126131
Region:	5
State:	IL
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	3/31/1993
Corrective Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

RCRIS Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 03/31/1993

RCRIS:

Owner: ELKWOOD PLATING INC
(312) 227-2370
EPA ID: ILD005126131
Contact: RICHARD KLEMUNDT
(312) 227-2370

Rank Status: 3
Rank Date: 03/31/1993
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined:	04/16/1987
Actual Date Achieved Compliance:	07/08/1987
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/27/1987
Penalty Type:	Not reported

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870708

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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ELKWOOD PLATING INCORPORATED (Continued)
1000438448
FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:

Facility ID: 2010645
 Status: Closed
 Owner Name: Elkwood Plating Inc
 Owner Address: 1657 N Elston Ave
 Chicago, IL 60622
 Contact: Not reported
 Phone #: Not reported
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: Not reported
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 2000
 Tank Age: 23
 Tank Red Tag: No
 Tank Substance: Diesel

R89 **AMOCO 15691**
WSW **1600 N ELSTON AND NORTH**
1/4-1/2 **CHICAGO, IL 60622**
1911 ft.
Lower **Site 3 of 7 in cluster R**

RCRIS-SQG **1000862660**
FINDS **ILD984925636**

RCRIS:

Owner: AMOCO OIL CO
 (708) 990-2277
 EPA ID: ILD984925636
 Contact: LINDA CURRAN
 (708) 990-2277

Classification: Small Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

90 **ST THERESA OF AVILA**
NNE **1037 W ARMITAGE AVE**
1/4-1/2 **CHICAGO, IL 60614**
1921 ft.
Higher

UST **U003853358**
N/A

UST:

Facility ID: 2040995
 Status: Exempt
 Owner Name: Archdiocese Of Chicago

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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ST THERESA OF AVILA (Continued)
U003853358

Owner Address: 155 E Superior
 Chicago, IL 60611
 Contact: Not reported
 Phone #: Not reported
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 1/1/70 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 3000
 Tank Age: Not reported
 Tank Red Tag: No
 Tank Substance: Heating Oil

R91
WSW
1/4-1/2
1951 ft.
Lower **MUSKIE ENTERPRISES**
1401 WEST NORTH AVE.
CHICAGO, IL 60622

LUST S104523926
N/A
Site 4 of 7 in cluster R

LUST:
 Incident Num : 931147
 IL EPA Id : 0316245158
 IEMA Date : 5/5/93
 Attn : Mark Mattes
 PRP Name : Muskie Enterprises
 PRP Address : 625 North Sacramento Blvd.
 Chicago, IL 60612
 PRP Phone : Not reported
 Non LUST Determination Letter : Not reported
 NFA/NFR Letter : 4/30/97
 Site Classification : Not reported
 Project Manager : Kohrmann
 Project Manager Phone: Not reported
 Email : Not reported
 Section 57.59(g) : 731
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: False
 Product - Unleaded Gas: False
 Product - Diesel: True
 Product - Fuel Oil: False
 Product - Jet Fuel: False
 Product - Used Oil: False
 Product - Non Petro: False
 Product - Other Petro: False
 20 Report Received : 7/22/93
 45 Report Received : 7/22/93
 NFR Date Recorded : 4/10/98

R92
WSW
1/4-1/2
1951 ft.
Lower **NORTHTOWN AUTOMOTIVE**
1400 WEST NORTH AVE.
CHICAGO, IL 60622

LUST S105428786
N/A
Site 5 of 7 in cluster R

LUST:
 Incident Num : 20020485

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	EDR ID Number	EPA ID Number
						Database(s)		

NORTHTOWN AUTOMOTIVE (Continued)
S105428786

IL EPA Id : 0316080035
 IEMA Date : 4/11/02
 Attn : Jim Bielarz
 PRP Name : Northtown Automotive
 PRP Address : 1131 West North Ave.
 Chicago, IL 60622
 PRP Phone : 7732762884
 Non LUST Determination Letter : Not reported
 NFA/NFR Letter : Not reported
 Site Classification : Not reported
 Project Manager : Hale
 Project Manager Phone: (217) 782-1803
 Email : Sam.Hale@epa.state.il.us
 Section 57.59(g) : 732
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: True
 Product - Unleaded Gas: False
 Product - Diesel: False
 Product - Fuel Oil: False
 Product - Jet Fuel: False
 Product - Used Oil: False
 Product - Non Petro: False
 Product - Other Petro: False
 20 Report Received : Not reported
 45 Report Received : Not reported
 NFR Date Recorded : Not reported

R93 NORTOWN AUTOMOTIVE
WSW 1400 W. NORTH AVE.
1/4-1/2 CHICAGO, IL 60622
1951 ft.
Lower Site 6 of 7 in cluster R

UST U001142812
N/A

UST:
 Facility ID: 2003119
 Status: Closed
 Owner Name: Nortown Automotive
 Owner Address: 1311 West North Ave.
 Chicago, IL 60622
 Contact: Jim Bielarz
 Phone #: (773) 276-2884
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 12/18/85 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 5000
 Tank Age: 23
 Tank Red Tag: No
 Tank Substance: Gasoline

R94 TRI R VENDING ARMO CROP
WSW 1401 W NORTH AVE
1/4-1/2 CHICAGO, IL 60622
1951 ft.
Lower Site 7 of 7 in cluster R

UST U001386569
N/A

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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TRI R VENDING ARMO CROP (Continued)

U001386569

UST:

Facility ID: 2032061
 Status: Closed
 Owner Name: Muskie Enterprises
 Owner Address: 625 N Sacramento Blvd
 Chicago, IL 60612
 Contact: Mattes Mark
 Phone #: (312) 722-3300
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 1/1/50 00:00:00
 Fee Owed: No
 Tank Number: 1
 Tank Capacity: 550
 Tank Age: 68
 Tank Red Tag: No
 Tank Substance: Diesel

Facility ID: 2032061
 Status: Closed
 Owner Name: Muskie Enterprises
 Owner Address: 625 N Sacramento Blvd
 Chicago, IL 60612
 Contact: Mattes Mark
 Phone #: (312) 722-3300
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Exempt from registration
 Tank Last Used: 1/1/50 00:00:00
 Fee Owed: No
 Tank Number: 2
 Tank Capacity: 550
 Tank Age: 68
 Tank Red Tag: No
 Tank Substance: Diesel

Facility ID: 2032061
 Status: Closed
 Owner Name: Muskie Enterprises
 Owner Address: 625 N Sacramento Blvd
 Chicago, IL 60612
 Contact: Mattes Mark
 Phone #: (312) 722-3300
 Permit Number: Not reported
 Permit Expires: Not reported
 Tank Status: Removed
 Tank Last Used: 10/1/92 00:00:00
 Fee Owed: No
 Tank Number: 3
 Tank Capacity: 10000
 Tank Age: 34
 Tank Red Tag: No
 Tank Substance: Gasoline

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
V95 South 1/4-1/2 2112 ft. Lower	KLEMP CORP 1132 BLACKHAWK CHICAGO, IL 60622 Site 1 of 2 in cluster V	FINDS LUST RCRIS-LQG	1000302238 ILD005213780
RCRIS:			
Owner: RAUBA RAYMOND (312) 555-1212			
EPA ID: ILD005213780			
Contact: RAYMOND RAUBA (312) 440-3855			
Classification: Large Quantity Generator			
Used Oil Recyc: No			
TSDF Activities: Not reported			
Violation Status: No violations found			
FINDS:			
Other Pertinent Environmental Activity Identified at Site:			
Facility Registry System (FRS)			
Resource Conservation and Recovery Act Information system (RCRAINFO)			
LUST:			
Incident Num : 903635			
IL EPA Id : 0316245042			
IEMA Date : 12/11/90			
Attn : Not reported			
PRP Name : Chatwinski Group			
PRP Address : Suite 340 300 Weyman Pla a Pittsburgh, PA 15236			
PRP Phone : Not reported			
Non LUST Determination Letter : Not reported			
NFA/NFR Letter : 8/28/91			
Site Classification : Not reported			
Project Manager : Brockamp			
Project Manager Phone: (217) 785-3913			
Email : Kendra.Brockamp@epa.state.il.us			
Section 57.59(g) : 731			
Section 57.59(g) Letter : Not reported			
Product - Gasoline: True			
Product - Unleaded Gas: False			
Product - Diesel: False			
Product - Fuel Oil: False			
Product - Jet Fuel: False			
Product - Used Oil: False			
Product - Non Petro: False			
Product - Other Petro: False			
20 Report Received : 2/29/92			
45 Report Received : 2/29/92			
NFR Date Recorded : Not reported			
V96 South 1/4-1/2 2112 ft. Lower	KLEMP CORPORATION 1132 BLACKHAWK STREET CHICAGO, IL 60622 Site 2 of 2 in cluster V	SRP 0316245042	S105600634 N/A
SRP: IL EPA Id :			

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

KLEMP CORPORATION (Continued)

S105600634

US EPA Id : ILD005213780
Remediation Applicant Co : Divine, Inc.
Remediation Applicant Title : Senior V.P.
Contact First Name: Sheila
Contact Last Name : Matuscak
Contact Address : 1301 North Elston Avenue
Contact Address: 1301 North Elston Avenue
Chicago, IL, 60622
Contact Phone : 7733946673
Date Enrolled : 08/14/2002
Consultant Company : Weaver Boos & Gordon, Inc.
Point Of Contact : Not reported
Consultant Address: 200 South Michigan Avenue
Chicago, IL, 60604
Consultant Phone : (312) 922-1030
Proj Mgr Assigned : Crompton
Sec. 4 Letter Date : / /
No Further Remediation Letter Dt : / /
NFR Recorded : / /
Active : True
Total Acres : 7.50000

W97 CARBIT PAINT CO
SE 927 W BLACKHAWK ST
1/4-1/2 CHICAGO, IL 60622
2132 ft.
Higher Site 1 of 2 in cluster W

FINDS 1000163586
LUST 60622CRBTP92
RCRIS-LQG
TRIS

RCRIS:

Owner: CARBIT PAINT COMPANY
(312) 555-1212
EPA ID: ILD005531199
Contact: RICHARD TRISPTEL
(312) 280-2315

Classification: Large Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

LUST:

Incident Num : 890280
IL EPA Id : 0316005071
IEMA Date : 2/21/89
Attn : Not reported
PRP Name : Carbit Paint Co.
PRP Address : 927 West Blackhawk St.
Chicago, IL 60622
PRP Phone : Not reported

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

CARBIT PAINT CO (Continued)

1000163586

Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	True
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

W98 CAR BIT PAINT CO.
SE 927 WEST BLACKHAWK ST.
1/4-1/2 CHICAGO, IL 60622
2132 ft.
Higher Site 2 of 2 in cluster W

LUST S104525862
N/A

LUST:	
Incident Num :	911853
IL EPA Id :	0316005071
IEMA Date :	7/8/91
Attn :	James Westerman
PRP Name :	Carbit Paint Co.
PRP Address :	927 West Blackhawk St. Chicago, IL 60622
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

MAP FINDINGS

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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99	REXROAD HANNA CORP.					LUST	S104526361
West	1765 NORTH ELSTON					N/A	
1/4-1/2	CHICAGO, IL 60622						
2277 ft.							
Lower							

LUST:

Incident Num :	903700
IL EPA Id :	0316005065
IEMA Date :	12/13/90
Attn :	Bob Rakstang
PRP Name :	Hanna Corp.
PRP Address :	1765 North Elston Chicago, IL 60622
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	12/2/91
Site Classification :	Not reported
Project Manager :	Brockamp
Project Manager Phone:	(217) 785-3913
Email :	Kendra.Brockamp@epa.state.il.us
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	2/29/92
45 Report Received :	2/29/92
NFR Date Recorded :	Not reported

100	DUPAGE AIRPORT AUTHORITY					LUST	S104792807
ESE	31 W 775 NORTH AVE.					N/A	
1/4-1/2	WEST CHICAGO, IL 60610						
2310 ft.							
Higher							

LUST:

Incident Num :	20001830
IL EPA Id :	0430905836
IEMA Date :	9/26/00
Attn :	Jeff Berls
PRP Name :	DuPage Airport Authority
PRP Address :	2700 Int I Dr., Suite 200 West Chicago, IL 60185
PRP Phone :	6302085603
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	11/5/01
Site Classification :	Not reported
Project Manager :	Rahman
Project Manager Phone:	(217) 782-9848
Email :	MD.Rahman@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Diesel:	True

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

DUPAGE AIRPORT AUTHORITY (Continued)

S104792807

Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	10/30/00
45 Report Received :	4/23/01
NFR Date Recorded :	11/30/01

101 A. FINKL & SONS CO.
NW 1900 NORTH SOUTHPORT AVE.
1/4-1/2 CHICAGO, IL 60614
2356 ft.
Higher

LUST S104524745
N/A

LUST:

Incident Num :	921923
IL EPA Id :	0316075096
IEMA Date :	7/17/92
Attn :	Carl Manthe
PRP Name :	A. Finkl Sons Co.
PRP Address :	2011 North Southport Ave. Chicago, IL 60614
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	True
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	7/28/92
45 Report Received :	9/15/92
NFR Date Recorded :	Not reported

102 MORTON SALT CO.
SSW 1357 NORTH ELSTON AVE.
1/4-1/2 CHICAGO, IL 60622
2362 ft.
Lower

LUST 1001651269
N/A

LUST:

Incident Num :	950832
IL EPA Id :	0316245050
IEMA Date :	4/24/95
Attn :	Frank Castelluccio
PRP Name :	Morton Salt Co.
PRP Address :	1357 North Elston Ave. Chicago, IL 60622

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

MORTON SALT CO. (Continued)

1001651269

PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	Piggush
Project Manager Phone:	(217) 782-3101
Email :	Michael.Piggush@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	10/10/95
NFR Date Recorded :	Not reported

103
South
1/4-1/2
2381 ft.
Lower

NATIONAL BY PROD.
1371 NORTH NORTH BRANCH
CHICAGO, IL 60602

LUST **S104524194**
N/A

LUST:

Incident Num :	930096
IL EPA Id :	0316325163
IEMA Date :	1/11/93
Attn :	Roy Svehla
PRP Name :	National By Prod.
PRP Address :	1381 North North Branch Chicago, IL 60602
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	4/26/93
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Diesel:	True
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	2/23/93
45 Report Received :	7/13/93
NFR Date Recorded :	Not reported

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

104	AMOCO OIL CO. #5093	LUST	S104522418
ESE	1560 NORTH HALSTED		N/A
1/4-1/2	CHICAGO, IL 60622		
2461 ft.			
Higher			

LUST:

Incident Num :	951800
IL EPA Id :	0316245103
IEMA Date :	8/24/95
Attn :	Lyle Bruce
PRP Name :	Amoco Oil Co.
PRP Address :	28100 Torch Pkwy., 6-S Warrenville, IL 60555
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	1/29/98
Site Classification :	NFA
Project Manager :	Piggush
Project Manager Phone:	(217) 782-3101
Email :	Michael.Piggush@epa.state.il.us
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	True
Product - Diesel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	9/5/95
45 Report Received :	10/4/95
NFR Date Recorded :	3/4/98

105	GENERAL PAINT & CHEMICAL CO BLACKHAWK	FINDS	1000213496
SE	823 W BLACKHAWK AVE	LUST	60622GNRLP82
1/4-1/2	CHICAGO, IL 60622	RCRIS-LQG	
2530 ft.		TRIS	
Higher			

RCRIS:

Owner:	COTTER & CO
	(312) 975-2700
EPA ID:	ILD074401530
Contact:	CHARLES BARTZ
	(312) 639-5383

Classification: Large Quantity Generator

Used Oil Recyc: No

TSDF Activities: Not reported

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1999

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	283892.01	D018	282946.01
D035	13918.22	F003	946.00
F005	18893.00		

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GENERAL PAINT & CHEMICAL CO BLACKHAWK (Continued)

1000213496

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Biennial Reporting System (BRS)
Facility Registry System (FRS)
National Compliance Database (NCDB)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)
Toxic Chemical Release Inventory System (TRIS)

LUST:

Incident Num :	900303
IL EPA Id :	0316005169
IEMA Date :	2/2/90
Attn :	David Bigelow
PRP Name :	General Paint Chemical
PRP Address :	201 Jandus Rd. Cary, IL 60013
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Diesel:	True
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported
Incident Num :	901517
IL EPA Id :	0316005169
IEMA Date :	6/7/90
Attn :	David Bigelow
PRP Name :	General Paint Chemical
PRP Address :	201 Jandus Rd. Cary, IL 60013
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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GENERAL PAINT & CHEMICAL CO BLACKHAWK (Continued)
1000213496

Section 57.59(g) Letter : Not reported
 Product - Gasoline: False
 Product - Unleaded Gas: False
 Product - Diesel: False
 Product - Fuel Oil: False
 Product - Jet Fuel: False
 Product - Used Oil: False
 Product - Non Petro: True
 Product - Other Petro: False
 20 Report Received : Not reported
 45 Report Received : Not reported
 NFR Date Recorded : Not reported

106
North
1/2-1
2753 ft.
Higher
FR. DONALD OURS
2130 NORTH KENMORE AVE.
CHICAGO, IL 60614

LUST S104792733
N/A

LUST:
 Incident Num : 20001753
 IL EPA Id : 0316075200
 IEMA Date : 9/14/00
 Attn : Not reported
 PRP Name : Fr. Donald Ours
 PRP Address : St. Vincent De Paul Parish, 1010 West Webster Ave.
 Chicago, IL 60614
 PRP Phone : 7733271113
 Non LUST Determination Letter : Not reported
 NFA/NFR Letter : 2/7/02
 Site Classification : Not reported
 Project Manager : Rothering
 Project Manager Phone : (217) 785-1858
 Email : Scott.Rothering@epa.state.il.us
 Section 57.59(g) : 732
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: False
 Product - Unleaded Gas: False
 Product - Diesel: False
 Product - Fuel Oil: False
 Product - Jet Fuel: False
 Product - Used Oil: False
 Product - Non Petro: False
 Product - Other Petro: True
 20 Report Received : 10/5/00
 45 Report Received : 5/29/01
 NFR Date Recorded : 5/22/02

X107
WNW
1/2-1
2767 ft.
Lower
EXOHO ASSOC. LTD. PARTNERSHIP
1824 NORTH BESLY
CHICAGO, IL 60622
Site 1 of 2 in cluster X

LUST S104525313
N/A

LUST:
 Incident Num : 913706
 IL EPA Id : 0316245125
 IEMA Date : 12/20/91

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

S104525313

EXOHO ASSOC. LTD. PARTNERSHIP (Continued)

Attn : John Bauman
PRP Name : Exoho Assoc. Ltd. Partnership
PRP Address : 400 North Franklin
Chicago, IL 60610
PRP Phone : Not reported
Non LUST Determination Letter : Not reported
NFA/NFR Letter : 11/29/94
Site Classification : Not reported
Project Manager : Blumhorst
Project Manager Phone: Not reported
Email : Not reported
Section 57.59(g) : 731
Section 57.59(g) Letter : Not reported
Product - Gasoline: False
Product - Unleaded Gas: False
Product - Diesel: False
Product - Fuel Oil: True
Product - Jet Fuel: False
Product - Used Oil: False
Product - Non Petro: False
Product - Other Petro: False
20 Report Received : 1/10/92
45 Report Received : 5/1/92
NFR Date Recorded : Not reported

X108	AERO PLATING WORKS	RCRIS-SQG	1000326580
WWN	1860 N ELSTON	FINDS	ILD005125836
1/2-1	CHICAGO, IL 60622	RCRIS-TSD	
2768 ft.		RAATS	
Lower	Site 2 of 2 in cluster X	CORRACTS	

CORRACTS Data:

EPA Id: ILD005125836
Region: 5
State: IL
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 4/24/1998
Corrective Action: CA050 - RFA Completed

EPA Id: ILD005125836
Region: 5
State: IL
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 4/24/1998
Corrective Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary

EPA Id: ILD005125836
Region: 5
State: IL
Area Name: ENTIRE FACILITY
Original Scheduled Date: Not reported
New Scheduled Date: Not reported
Actual Date: 4/24/1998
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

AERO PLATING WORKS (Continued)

1000326580

action priority

RCRIS Corrective Action Summary:

Event: RFA Completed
 Event Date: 04/24/1998

 Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;
 Event Date: 04/24/1998

 Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
 Event Date: 04/24/1998

RCRIS:

Owner: MAIORANO LOUIS JR
 (312) 555-1212
 EPA ID: ILD005125836

 Contact: LOU MAIORANO
 (312) 276-2300

Classification: TSDF

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated:	725.215
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	04/26/1989
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date:	09/10/1984
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/13/1986
Penalty Type:	Final Monetary Penalty
Enforcement Action:	WRITTEN INFORMAL
Enforcement Action Date:	05/22/1989
Penalty Type:	Final Monetary Penalty
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	07/12/1989
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL CONSENT DECREES
Enforcement Action Date:	07/03/1995
Penalty Type:	Final Monetary Penalty
Regulation Violated:	Not reported
Area of Violation:	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS
Date Violation Determined:	01/24/1984
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date:	09/10/1984
Penalty Type:	Final Monetary Penalty
Enforcement Action:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date:	02/13/1986
Penalty Type:	Final Monetary Penalty

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

EDR ID Number
EPA ID Number

1000326580

AERO PLATING WORKS (Continued)

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/22/1989
Penalty Type: Final Monetary Penalty

Enforcement Action: VIOLATION NOTICE (VN)
Enforcement Action Date: 07/12/1989
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL CONSENT DECREES
Enforcement Action Date: 07/03/1995
Penalty Type: Final Monetary Penalty

Regulation Violated: Not reported
Area of Violation: TSD-MANIFEST REQUIREMENTS
Date Violation Determined: 01/24/1984
Actual Date Achieved Compliance: Not reported

Enforcement Action: CIVIL ACTION FOR COMPLIANCE
Enforcement Action Date: 09/10/1984
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 02/13/1986
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL CONSENT DECREES
Enforcement Action Date: 07/03/1995
Penalty Type: Final Monetary Penalty

There are 3 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Other Evaluation	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	
Other Evaluation	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	
Non-Financial Record Review	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	
Non-Financial Record Review	TSD-CLOSURE/POST-CLOSURE REQUIREMENTS	
	TSD-MANIFEST REQUIREMENTS	

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

Y109 **EQUILON ENTERPRISES**
WSW **1525 WEST NORTH AVE.**
1/2-1 **CHICAGO, IL 60622**
2811 ft.
Higher **Site 1 of 4 in cluster Y**

LUST S104529238
N/A

LUST:

Incident Num : 982858
IL EPA Id : 0316075051
IEMA Date : 11/18/98
Attn : Lisa Schoedel
PRP Name : Equilon Enterprises LLC
PRP Address : 603 Diehl Rd., Suite 103
 Naperville, IL 60563
PRP Phone : 6302764206
Non LUST Determination Letter : Not reported
NFA/NFR Letter : 10/29/99

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			Database(s)

EQUILON ENTERPRISES (Continued)
S104529238

Site Classification : Not reported
 Project Manager : Lowder
 Project Manager Phone: (217) 785-5734
 Email : Mike.Lowder@epa.state.il.us
 Section 57.59(g) : 732
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: True
 Product - Unleaded Gas: False
 Product - Diesel: False
 Product - Fuel Oil: False
 Product - Jet Fuel: False
 Product - Used Oil: False
 Product - Non Petro: False
 Product - Other Petro: False
 20 Report Received : 11/30/98
 45 Report Received : 12/31/98
 NFR Date Recorded : 12/2/99

Y110 SHELL OIL CO
WSW 1525 W NORTH AVE
1/2-1 CHICAGO, IL 60622
2811 ft.
Higher Site 2 of 4 in cluster Y

RCRIS-SQG 1000689150
FINDS ILD984887489
LUST

RCRIS:
 Owner: SHELL OIL CO
 (713) 241-6161
 EPA ID: ILD984887489

 Contact: SON德拉 BIENVENU

 Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported

 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST:
 Incident Num : 900875
 IL EPA Id : 0316075051
 IEMA Date : 4/3/90
 Attn : Lisa Schoedel
 PRP Name : Equilon Enterprises LLC
 PRP Address : 603 Diehl Rd., Suite 103
 Naperville, IL 60563
 PRP Phone : 6302764206
 Non LUST Determination Letter : Not reported
 NFA/NFR Letter : 10/29/99
 Site Classification : Not reported
 Project Manager : Lowder
 Project Manager Phone: (217) 785-5734
 Email : Mike.Lowder@epa.state.il.us
 Section 57.59(g) : 731
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: True

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

SHELL OIL CO (Continued)

1000689150

Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	10/18/99
45 Report Received :	10/18/99
NFR Date Recorded :	12/2/99

**Y111 GOMEZ SHELL
WSW 1525 WEST NORTH AVE.
1/2-1 CHICAGO, IL 60622
2811 ft.
Higher**

**LUST S104524275
N/A**

Site 3 of 4 in cluster Y

LUST:

Incident Num :	923510
IL EPA Id :	0316075051
IEMA Date :	12/9/92
Attn :	Lisa Schoedel
PRP Name :	Equilon Enterprises LLC
PRP Address :	603 Diehl Rd., Suite 103 Naperville, IL 60563
PRP Phone :	6302764206
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	7/7/93
Site Classification :	Not reported
Project Manager :	Lowder
Project Manager Phone:	(217) 785-5734
Email :	Mike.Lowder@epa.state.il.us
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	True
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	1/13/93
45 Report Received :	4/26/93
NFR Date Recorded :	Not reported

**Y112 SCRIBCOR INC.
WSW 1533 WEST NORTH AVE.
1/2-1 CHICAGO, IL 60622
2856 ft.
Higher**

**LUST S104527279
N/A**

Site 4 of 4 in cluster Y

LUST:

Incident Num :	900216
IL EPA Id :	0316245112
IEMA Date :	1/23/90
Attn :	Sally Smith
PRP Name :	Scribcor Inc.

Map ID		MAP FINDINGS	
Direction			
Distance			
Distance (ft.)			
Elevation	Site		EDR ID Number EPA ID Number

SCRIBCOR INC. (Continued)
S104527279

PRP Address :	400 North Michigan Ave., Suite 500
	Chicago, IL 60611
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	7/18/95
Site Classification :	NFA
Project Manager :	Nickell
Project Manager Phone:	(217) 524-7519
Email :	Not reported
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	2/29/92
45 Report Received :	2/29/92
NFR Date Recorded :	Not reported

113 CHICAGO PARK DIST.
 SW 1419 WEST BLACKHAWK
 1/2-1 CHICAGO, IL 60622
 2899 ft.
 Higher

LUST S104521617
 N/A

LUST:
 Incident Num : 970341
 IL EPA Id : 0316245101
 IEMA Date : 2/26/97
 Attn : Chuck Webber
 PRP Name : Chicago Park Dist.
 PRP Address : 425 East McFetridge Dr.
 Chicago, IL 60605
 PRP Phone : Not reported
 Non LUST Determination Letter : Not reported
 NFA/NFR Letter : 5/19/99
 Site Classification : Not reported
 Project Manager : Rothering
 Project Manager Phone: (217) 785-1858
 Email : Scott.Rothering@epa.state.il.us
 Section 57.59(g) : 732
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: False
 Product - Unleaded Gas: False
 Product - Diesel: False
 Product - Fuel Oil: False
 Product - Jet Fuel: False
 Product - Used Oil: False
 Product - Non Petro: False
 Product - Other Petro: True
 20 Report Received : 9/24/97
 45 Report Received : 2/22/99
 NFR Date Recorded : 9/22/99

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

114	CHICAGO HOUSING AUTHORITY	LUST	S104522926
ESE	1531 WEST CLYBOURN AVE.		N/A
1/2-1	CHICAGO, IL 60610		
2948 ft.			
Higher			

LUST:

Incident Num :	942267
IL EPA Id :	0316085231
IEMA Date :	10/6/94
Attn :	Sanjiv Jain
PRP Name :	Chicago Housing Authority
PRP Address :	833 West 115th St. Chicago, IL 60643
PRP Phone :	Not reported
Non LUST Determination Letter :	Not reported
NFA/NFR Letter :	Not reported
Site Classification :	Not reported
Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	732
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	False
Product - Unleaded Gas:	False
Product - Diesel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	True
20 Report Received :	Not reported
45 Report Received :	5/19/95
NFR Date Recorded :	Not reported

Z115	COMETCO CORPORATION	SRP	S105600621
WNW	1509 WEST CORTLAND STREET		N/A
1/2-1	CHICAGO, IL 60622		
2955 ft.			
Same	Site 1 of 3 in cluster Z		

SRP:

IL EPA Id :	0316005505
US EPA Id :	Not reported
Remediation Applicant Co :	Metal Management Midwest, Inc.
Remediation Applicant Title :	Ms.
Contact First Name:	Deborah
Contact Last Name :	Hays
Contact Address :	12701 South Doty Avenue
Contact Address:	12701 South Doty Avenue Chicago, IL, 60633
Contact Phone :	7736462121
Date Enrolled :	06/29/2001
Consultant Company :	CPI Environmental Services, Inc.
Point Of Contact :	Michael B. Place
Consultant Address:	799 Roosevelt Road, Building 6 Suite 110 Glen Ellyn, IL, 60137
Consultant Phone :	(630) 469-6340
Proj Mgr Assigned :	Hall
Sec. 4 Letter Date :	/ /

MAP FINDINGS

Map ID	Site	EDR ID Number
Direction		EPA ID Number
Distance		
Distance (ft.)		
Elevation		Database(s)

COMETCO CORPORATION (Continued)

S105600621

No Further Remediation Letter Dt : / /
 NFR Recorded : / /
 Active : True
 Total Acres : 5.00000

Z116	COMETCO	LUST	1001653126
WNW	1509 WEST CORTLAND		N/A
1/2-1	CHICAGO, IL 60622		

2955 ft.
Same Site 2 of 3 in cluster Z

LUST:
 Incident Num : 982317
 IL EPA Id : 0316005505
 IEMA Date : 9/17/98
 Attn : Deborah Lezin
 PRP Name : Cometco
 PRP Address : 1509 West Cortland
 Chicago, IL 60622
 PRP Phone : 7732541200
 Non LUST Determination Letter : Not reported
 NFA/NFR Letter : 2/20/01
 Site Classification : Not reported
 Project Manager : Ransdell
 Project Manager Phone: (217) 557-6938
 Email : James.Ransdell@epa.state.il.us
 Section 57.59(g) : 732
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: False
 Product - Unleaded Gas: False
 Product - Diesel: True
 Product - Fuel Oil: False
 Product - Jet Fuel: False
 Product - Used Oil: False
 Product - Non Petro: False
 Product - Other Petro: False
 20 Report Received : 10/16/98
 45 Report Received : 11/5/98
 NFR Date Recorded : 5/18/01

Z117	FIRE KING SERVICE INC.	LUST	S104527783
WNW	1901 NORTH ELSTON AVE.		N/A
1/2-1	CHICAGO, IL 60622		

2975 ft.
Lower Site 3 of 3 in cluster Z

LUST:
 Incident Num : 891015
 IL EPA Id : 0316240015
 IEMA Date : 6/15/89
 Attn : Irwin Walzer
 PRP Name : Fire King Service
 PRP Address : 1901 North Elston Ave.
 Chicago, IL 60622
 PRP Phone : Not reported
 Non LUST Determination Letter : Not reported
 NFA/NFR Letter : Not reported
 Site Classification : Not reported

FIRE KING SERVICE INC. (Continued)

S104527783

Project Manager :	NOT ASSIGNED
Project Manager Phone:	Not reported
Email :	Not reported
Section 57.59(g) :	731
Section 57.59(g) Letter :	Not reported
Product - Gasoline:	True
Product - Unleaded Gas:	False
Product - Deisel:	False
Product - Fuel Oil:	False
Product - Jet Fuel:	False
Product - Used Oil:	False
Product - Non Petro:	False
Product - Other Petro:	False
20 Report Received :	Not reported
45 Report Received :	Not reported
NFR Date Recorded :	Not reported

118 WASTE MGT.-METRO/CHICAGO TRANSFER S SWF/LF S104908400
SSE 1500 N. HOOKER ST. N/A
1/2-1 CHICAGO, IL
3013 ft.
Same

LF:	
Facility ID:	0316000052
Owner:	Waste Management of Illinois Inc.**
Operator:	Waste Management of Illinois Inc.**
Design Capacity Airspace:	Not reported
Total Permitted Landfill:	Not reported
Permitted Disposal Area:	Not reported
Highest Permitted Elevation Feet:	Not reported
Leachate Monitoring Wells:	Not reported
Groundwater Monitoring Wells:	Not reported
Methane Collection System:	Not reported
Years Remaining (estimated by landfill):	Not reported
Date/Years to Open/Close:	1981
Waste Accepted:	Municipal
Facility Status:	Not reported

SRP:

IL EPA Id :	0316246310
US EPA Id :	Not reported
Remediation Applicant Co :	City of Chicago, Dept. of Environment
Remediation Applicant Title :	Deputy Comm.
Contact First Name:	David
Contact Last Name :	Reynolds
Contact Address :	30 North LaSalle Street
Contact Address:	30 North LaSalle Street Suite 2500 Chicago, IL, 60602
Contact Phone :	(312) 744-9139
Date Enrolled :	11/02/1999

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number	EPA ID Number
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NORTHTOWN VILLAGE (Continued)
S104491606

Consultant Company : Envirogen, Inc.
 Point Of Contact : Devin A. Moose, P.E.
 Consultant Address: One West State Street
 Suite 202
 Geneva, IL, 60134
 Consultant Phone : (630) 262-1400
 Proj Mgr Assigned : Mergen
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 09/14/2001
 NFR Recorded : 11/30/2001
 Active : False
 Total Acres : 0.40000

120
NNW
1/2-1
3189 ft.
Higher
CHICAGO WELDING & BOILER REPAIR
2145 NORTH CLYBOURN AVE.
CHICAGO, IL 60614

LUST S104523000
N/A

LUST:
 Incident Num : 941955
 IL EPA Id : 0316075126
 IEMA Date : 8/26/94
 Attn : Roger Ketelsen
 PRP Name : Chicago Welding Boiler Repair
 PRP Address : 2145 North Clybourn Ave.
 Chicago, IL 60614
 PRP Phone : Not reported
 Non LUST Determination Letter : Not reported
 NFA/NFR Letter : 2/15/95
 Site Classification : Not reported
 Project Manager : Lowder
 Project Manager Phone: (217) 785-5734
 Email : Mike.Lowder@epa.state.il.us
 Section 57.59(g) : 732
 Section 57.59(g) Letter : Not reported
 Product - Gasoline: True
 Product - Unleaded Gas: False
 Product - Diesel: False
 Product - Fuel Oil: False
 Product - Jet Fuel: False
 Product - Used Oil: False
 Product - Non Petro: False
 Product - Other Petro: False
 20 Report Received : 9/19/94
 45 Report Received : 1/18/95
 NFR Date Recorded : Not reported

AA121
SE
1/2-1
3278 ft.
Higher
NORTH TOWN VILLAGE
1401 NORTH HALSTED STREET
CHICAGO, IL 60622
Site 2 of 2 in cluster AA

SRP S104491608
N/A

SRP:
 IL EPA Id : 0316246316
 US EPA Id : Not reported
 Remediation Applicant Co : City of Chicago, Dept. of Environment

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

NORTH TOWN VILLAGE (Continued)
S104491608

Remediation Applicant Title : Deputy Comm.
 Contact First Name: David
 Contact Last Name : Reynolds
 Contact Address : 30 North LaSalle Street
 Contact Address: 30 North LaSalle Street
 Suite 2500
 Chicago, IL, 60602
 Contact Phone : (312) 744-9139
 Date Enrolled : 02/18/2000
 Consultant Company : Envirogen, Inc.
 Point Of Contact : Devin A. Moose, P.E.
 Consultant Address: 1150 North Fifth Avenue
 Suite C
 St. Charles, IL, 60174
 Consultant Phone : (630) 762-1400
 Proj Mgr Assigned : Mergen
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 10/16/2001
 NFR Recorded : 11/30/2001
 Active : False
 Total Acres : 2.90000

122 SSE 1/2-1 3496 ft.
CMC HEARTLAND PARTNERS
1220 NORTH HICKORY AVENUE
CHICAGO, IL 60622
Lower

SRP S104491602
N/A

SRP:
 IL EPA Id : 0316246222
 US EPA Id : Not reported
 Remediation Applicant Co : CMC Heartland Partners
 Remediation Applicant Title : Mr.
 Contact First Name: Charles
 Contact Last Name : Harrison
 Contact Address : 547 West Jackson Boulevard
 Contact Address: 547 West Jackson Boulevard
 Suite 1510
 Chicago, IL, 60661
 Contact Phone : (312) 294-0488
 Date Enrolled : 07/19/1996
 Consultant Company : Patrick Engineering, Inc.
 Point Of Contact : Jeffrey C. Schuh, P.E.
 Consultant Address: 4985 Varsity Drive
 Lisle, IL, 60532
 Consultant Phone : (630) 434-7050
 Proj Mgr Assigned : Dunn
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 08/30/1996
 NFR Recorded : 09/10/1996
 Active : False
 Total Acres : 10.00000

123 WNW 1/2-1 3516 ft.
CTRE, INC.
2001 NORTH ELSTON AVENUE
CHICAGO, IL 60614
Lower

SRP S104491535
N/A

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

CTRE, INC. (Continued)
S104491535
SRP:

IL EPA Id : 0316075111
 US EPA Id : Not reported
 Remediation Applicant Co : Chicago Self Storage III, L.L.C.
 Remediation Applicant Title : President
 Contact First Name: Gray
 Contact Last Name : Cardiff
 Contact Address : 156 Diablo Road
 Contact Address: 156 Diablo Road
 Suite 200
 Danville, CA, 94526
 Contact Phone : (800) 825-7007
 Date Enrolled : 01/24/2000
 Consultant Company : Weaver Boos & Gordon, Inc.
 Point Of Contact : Douglas G. Dorgan, Jr.
 Consultant Address: 200 South Michigan Avenue
 Suite 900
 Chicago, IL, 60604
 Consultant Phone : (312) 922-1030
 Proj Mgr Assigned : Williams
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : 02/07/2001
 NFR Recorded : 02/28/2001
 Active : False
 Total Acres : 1.00000

AB124 **PEOPLES GAS LIGHT AND COKE - DIVISION STREET STATI** **Coal Gas** **G000001019**
SSW **1223 W. DIVISION STREET** **N/A**
1/2-1
3537 ft.
Higher **Site 1 of 2 in cluster AB**

COAL GAS SITE DESCRIPTION:

Site is between John F. Kennedy Expressway and Elston, south of Division and nor Site is a CERCLIS Site Number ILD982074783.

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AB125 **PEOPLES GAS AND LIGHT** **SRP** **S104491498**
SSW **1241 WEST DIVISION STREET** **N/A**
1/2-1
3580 ft.
Higher **Site 2 of 2 in cluster AB**

SRP:

IL EPA Id : 0316005885
 US EPA Id : ILD000805788
 Remediation Applicant Co : The Peoples Gas Light and Coke Company
 Remediation Applicant Title : Vice President
 Contact First Name: Charles
 Contact Last Name : Thompson
 Contact Address : 130 East Randolph Drive
 Contact Address: 130 East Randolph Drive
 Chicago, IL, 60601
 Contact Phone : 3122404810
 Date Enrolled : 05/07/2001
 Consultant Company : Barr Information Technology
 Point Of Contact : Not reported

Map ID	Direction	Distance	Distance (ft.)	Site	Database(s)	EDR ID Number	EPA ID Number
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MAP FINDINGS

PEOPLES GAS AND LIGHT (Continued)

S104491498

Consultant Address:	4700 West 77th Street Minneapolis, MN, 55435
Consultant Phone :	(952) 832-2600
Proj Mgr Assigned :	Seul
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	True
Total Acres :	0.00000

126 FEDERAL EXPRESS CORPORATION
SSE 875 WEST DIVISION STREET
1/2-1 CHICAGO, IL 60622
3736 ft.
Lower

SRP S104491597
N/A

SRP:

IL EPA Id :	0316240016
US EPA Id :	ILD984807081
Remediation Applicant Co :	Federal Express Corporation
Remediation Applicant Title :	Mr.
Contact First Name:	Steven
Contact Last Name :	Zebowitz
Contact Address :	1100 Lake Cook Road
Contact Address:	1100 Lake Cook Road
	Chicago, IL, 60089
Contact Phone :	(708) 215-4249
Date Enrolled :	05/03/1996
Consultant Company :	Montgomery Watson
Point Of Contact :	Jack Dowden
Consultant Address:	2100 Corporate Drive
	Addison, IL, 60101
Consultant Phone :	(630) 691-5000
Proj Mgr Assigned :	L-Gaydosh
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	09/20/2000
NFR Recorded :	10/12/2000
Active :	False
Total Acres :	4.60000

127 ORLOFF JAGUAR
WNW 1924 NORTH PAULINA STREET
1/2-1 CHICAGO, IL 60622
4022 ft.
Lower

SRP S104491598
N/A

SRP:

IL EPA Id :	0316245084
US EPA Id :	Not reported
Remediation Applicant Co :	Howard Orloff Jaguar/Volvo
Remediation Applicant Title :	Mr.
Contact First Name:	David
Contact Last Name :	Orloff
Contact Address :	4748 West Fullerton Avenue
Contact Address:	4748 West Fullerton Avenue
	Chicago, IL, 60639
Contact Phone :	(773) 227-3200
Date Enrolled :	02/16/1993

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

ORLOFF JAGUAR (Continued)

S104491598

Consultant Company :	Environmental Restoration Systems, Inc.
Point Of Contact :	David G. Pyles
Consultant Address:	4508 Columbia Avenue Hammond, IN, 46327
Consultant Phone :	(219) 937-6060
Proj Mgr Assigned :	Sherrill
Sec. 4 Letter Date :	04/02/1993
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	False
Total Acres :	3.00000

**128 BAKER DEVELOPMENT CORPORATION
WNW 2062 NORTH ELSTON AVENUE
1/2-1 CHICAGO, IL 60614
4075 ft.
Lower**

**SRP S105521118
N/A**

SRP:
 IL EPA Id : 0316075210
 US EPA Id : Not reported
 Remediation Applicant Co : Elston Development, LLC
 Remediation Applicant Title : Mr.
 Contact First Name: Warren
 Contact Last Name : Baker
 Contact Address : 1156 West Armitage Avenue
 Contact Address: 1156 West Armitage Avenue
 Chicago, IL, 60614
 Contact Phone : 7737550600
 Date Enrolled : 07/22/2002
 Consultant Company : Pioneer Engineering & Environmental Services, Inc.
 Point Of Contact : Megan Wells-Paske
 Consultant Address: 700 North Sacramento Boulevard
 Suite 100
 Chicago, IL, 60612
 Consultant Phone : (312) 587-1021
 Proj Mgr Assigned : Crompton
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : / /
 NFR Recorded : / /
 Active : True
 Total Acres : 0.01400

**129 ACHIEVOR TIRE, L.P.
NW 1500 WEST WEBSTER
1/2-1 CHICAGO, IL 60614
4190 ft.
Higher**

**SRP S104491529
N/A**

SRP:
 IL EPA Id : 0316070019
 US EPA Id : Not reported
 Remediation Applicant Co : Lakin Property Partnership
 Remediation Applicant Title : Mr.
 Contact First Name: Robert
 Contact Last Name : Grammer
 Contact Address : 2044 North Dominick
 Contact Address: 2044 North Dominick

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation		Database(s)	

ACHIEVOR TIRE, L.P. (Continued)
S104491529

Contact Phone : Chicago, IL, 60614
 (773) 871-6360
 Date Enrolled : 05/04/1995
 Consultant Company : Pioneer Environmental, Inc.
 Point Of Contact : Wayne Smith
 Consultant Address: 700 North Sacramento Boulevard
 Suite 101
 Chicago, IL, 60612
 Consultant Phone : (312) 587-1021
 Proj Mgr Assigned : Murphy
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : / /
 NFR Recorded : / /
 Active : False
 Total Acres : 0.00000

130	MIDWEST INDUSTRIAL METALS CORP	FINDS	1000436566
SSE	1111 N CHERRY AVE	CAT	ILD032405649
1/2-1	CHICAGO, IL 60622	RCRIS-LQG	
4267 ft.			
Higher			

RCRIS:
 Owner: LISSNER R
 (312) 555-1212
 EPA ID: ILD032405649
 Contact: RICHARD LISSNER
 (312) 337-1900
 Classification: Large Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

CAT:
 Facility ID: 0310450041
 Facility Type: SITE REMEDIATION PROGRAM

AC131	REICHOLD CHEMICALS	RCRIS-SQG	1000441183
NW	2100 N ELSTON AVE	FINDS	ILD004959433
1/2-1	CHICAGO, IL 60614	CORRACTS	
4348 ft.			
Lower	Site 1 of 4 in cluster AC		

CORRACTS Data:

EPA Id:	ILD004959433
Region:	5
State:	IL
Area Name:	ENTIRE FACILITY
Original Scheduled Date:	Not reported
New Scheduled Date:	Not reported
Actual Date:	12/31/1993

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

REICHHOLD CHEMICALS (Continued)

1000441183

Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

EPA Id: ILD004959433
 Region: 5
 State: IL
 Area Name: ENTIRE FACILITY
 Original Scheduled Date: Not reported
 New Scheduled Date: Not reported
 Actual Date: 3/31/1994
 Corrective Action: CA225IN - Stabilization Measures Evaluation, This facility is not , amenable to stabilization activity because of, a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available

RCRIS Corrective Action Summary:

Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity because of a lack of technical data. An evaluation has been completed, but further data is necessary to determine stabilization measures, feasibility or appropriateness. This status should be changed when data becomes available.
 Event Date: 03/31/1994
 Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
 Event Date: 12/31/1993

RCRIS:

Owner: E I DUPONT DE NEMOURS & CO INC
 (302) 774-3891
 EPA ID: ILD004959433
 Contact: BAROT VINOD
 (312) 772-1600

Rank Status: 3
 Rank Date: 12/31/1993
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 722.112(a)
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 04/20/1993
 Actual Date Achieved Compliance: 07/16/1993
 Enforcement Action: VIOLATION NOTICE (VN)
 Enforcement Action Date: 06/14/1993
 Penalty Type: Not reported
 Regulation Violated: 722.134(a)
 Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
 Date Violation Determined: 04/20/1993
 Actual Date Achieved Compliance: 07/30/1993
 Enforcement Action: VIOLATION NOTICE (VN)
 Enforcement Action Date: 06/14/1993
 Penalty Type: Not reported

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			Database(s)

REICHOLD CHEMICALS (Continued)
1000441183

Regulation Violated:	722.140(c)
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	04/20/1993
Actual Date Achieved Compliance:	07/16/1993
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	06/14/1993
Penalty Type:	Not reported
Regulation Violated:	722.142(a)(1)
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	04/20/1993
Actual Date Achieved Compliance:	07/16/1993
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	06/14/1993
Penalty Type:	Not reported
Regulation Violated:	722.142(a)(2)
Area of Violation:	GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined:	04/20/1993
Actual Date Achieved Compliance:	07/16/1993
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	06/14/1993
Penalty Type:	Not reported
Regulation Violated:	728.107(a)(6)
Area of Violation:	GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined:	04/20/1993
Actual Date Achieved Compliance:	07/16/1993
Enforcement Action:	VIOLATION NOTICE (VN)
Enforcement Action Date:	06/14/1993
Penalty Type:	Not reported

There are 6 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19930716
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19930730
	GENERATOR-RECORDKEEPING REQUIREMENTS	19930716
	GENERATOR-RECORDKEEPING REQUIREMENTS	19930716
	GENERATOR-RECORDKEEPING REQUIREMENTS	19930716
	GENERATOR-LAND BAN REQUIREMENTS	19930716

FINDS:

- Other Pertinent Environmental Activity Identified at Site:
 - Facility Registry System (FRS)
 - Resource Conservation and Recovery Act Information system (RCRAINFO)

AC132 POLYCHROME CHEMICAL CORPORATION
NW 2100 NORTH ELSTON AVENUE
1/2-1 CHICAGO, IL 60614
4348 ft.
Lower Site 2 of 4 in cluster AC

SRP S104491540
N/A

SRP:
 IL EPA Id : 0316075186
 US EPA Id : Not reported
 Remediation Applicant Co : Elston Development L.L.C.
 Remediation Applicant Title : Mr.

Map ID	Direction	Distance	Distance (ft.)	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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POLYCHROME CHEMICAL CORPORATION (Continued)

S104491540

Contact First Name:	Warren
Contact Last Name :	Baker
Contact Address :	1156 West Armitage
Contact Address:	1156 West Armitage
	Chicago, IL, 60614
Contact Phone :	(773) 755-0600
Date Enrolled :	10/25/1999
Consultant Company :	Pioneer Environmental, Inc.
Point Of Contact :	Michael Cannizzo
Consultant Address:	700 North Sacramento Boulevard
	Suite 101
	Chicago, IL, 60612
Consultant Phone :	(312) 587-1021
Proj Mgr Assigned :	Murphy
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	True
Total Acres :	0.40000

**AC133 FLORENCE CORPORATION
NW 2101 NORTH ELSTON AVENUE
1/2-1 CHICAGO, IL 60614
4348 ft.
Lower Site 3 of 4 in cluster AC**

**SRP S104491532
N/A**

SRP:	
IL EPA Id :	0316075011
US EPA Id :	Not reported
Remediation Applicant Co :	Florence Corporation
Remediation Applicant Title :	President
Contact First Name:	Lloyd
Contact Last Name :	Schooley
Contact Address :	2101 North Elston Avenue
Contact Address:	2101 North Elston Avenue
	Chicago, IL, 60614
Contact Phone :	(773) 292-3470
Date Enrolled :	05/22/1997
Consultant Company :	GaiaTech, Inc.
Point Of Contact :	A. Tevfik Arguden
Consultant Address:	One North Franklin Street
	Suite 2500
	Chicago, IL, 60606
Consultant Phone :	(312) 541-4200
Proj Mgr Assigned :	Cummings
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	10/29/1997
NFR Recorded :	12/12/1997
Active :	False
Total Acres :	1.55000

**AC134 REICHHOLD CHEMICALS, INC.
NW 2120 NORTH ELSTON AVENUE
1/2-1 CHICAGO, IL 60614
4533 ft.
Lower Site 4 of 4 in cluster AC**

**SRP S104491526
N/A**

SRP:

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

REICHHOLD CHEMICALS, INC. (Continued)

S104491526

IL EPA Id :	0316070001
US EPA Id :	ILD984814046
Remediation Applicant Co :	E.I. duPont de Nemours and Company
Remediation Applicant Title :	Ms.
Contact First Name:	Kathy
Contact Last Name :	Shelton
Contact Address :	Barley Mill Plaza 27
Contact Address:	Barley Mill Plaza 27
	P.O. Box 80027
	Wilmington, DE, 19880
Contact Phone :	(302) 892-1361
Date Enrolled :	07/01/1999
Consultant Company :	URS Greiner Woodward Clyde
Point Of Contact :	Laura A. Tesch
Consultant Address:	122 South Michigan Avenue
	Suite 1920
	Chicago, IL, 60603
Consultant Phone :	(312) 939-1000
Proj Mgr Assigned :	Murphy
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	True
Total Acres :	5.00000

135 OLD TOWN VILLAGE WEST
 SE 1198 NORTH HOWE STREET
 1/2-1 CHICAGO, IL 60610
 4674 ft.
 Higher

SRP S105424201
N/A

SRP:	
IL EPA Id :	0316085389
US EPA Id :	Not reported
Remediation Applicant Co :	MCL Companies
Remediation Applicant Title :	Mr.
Contact First Name:	Kenneth
Contact Last Name :	Haldeman
Contact Address :	455 East Illinois Street
Contact Address:	455 East Illinois Street
	Suite 565
	Chicago, IL, 60611
Contact Phone :	3123218900
Date Enrolled :	05/03/2002
Consultant Company :	Pioneer Engineering & Environmental Services, Inc.
Point Of Contact :	Jeffrey McClelland, P.E.
Consultant Address:	700 North Sacramento Boulevard
	Suite 101
	Chicago, IL, 60612
Consultant Phone :	(312) 587-1021
Proj Mgr Assigned :	Hall
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	/ /
NFR Recorded :	/ /
Active :	True
Total Acres :	4.40000

MAP FINDINGS

Map ID	Site	Database(s)	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

136 SE 1/2-1 4780 ft. Higher	PEOPLES GAS LIGHT AND COKE - NORTH STATION 1112 HOWE OR 1142 CROSBY CHICAGO, IL 60610	Coal Gas	G000001018 N/A
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COAL GAS SITE DESCRIPTION:

Site is between Crosby and Kingsbury (Hawthorn), south of W. Division and north outh of Elm Street, the site extends east of Crosby and West of Howe (Chatham Co f site located south of Elm is occupied by Contractor's Equipment Yard. Site is r ILD982074775.

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137 SW 1/2-1 4861 ft. Higher	WANLAND & ASSOCIATES, INC. 1630 WEST DIVISION STREET CHICAGO, IL 60622	SRP	S104491589 N/A
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SRP:

IL EPA Id :	0316225140
US EPA Id :	Not reported
Remediation Applicant Co :	Wanland & Associates, Inc.
Remediation Applicant Title :	President
Contact First Name:	Richard
Contact Last Name :	Wanland
Contact Address :	4140 West Peterson Avenue
Contact Address:	4140 West Peterson Avenue
	Chicago, IL, 60646
Contact Phone :	(773) 545-3134
Date Enrolled :	01/09/1998
Consultant Company :	Mostardi-Platt Associates, Inc.
Point Of Contact :	Robert A. Gere, P.E.
Consultant Address:	945 Oaklawn Avenue
	Elmhurst, IL, 60126
Consultant Phone :	(630) 993-9000
Proj Mgr Assigned :	L-Ingold
Sec. 4 Letter Date :	/ /
No Further Remediation Letter Dt :	10/19/1998
NFR Recorded :	10/27/1998
Active :	False
Total Acres :	0.12000

138 SE 1/2-1 5175 ft. Higher	PEOPLES GAS AND LIGHT NW CORNER CROSBY / HOBBIE CHICAGO, IL 60610	SRP	S104491544 N/A
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SRP:

IL EPA Id :	0316080031
US EPA Id :	Not reported
Remediation Applicant Co :	The Peoples Gas Light and Coke Company
Remediation Applicant Title :	Mr.
Contact First Name:	Steven
Contact Last Name :	Matuszak
Contact Address :	130 East Randolph Drive
Contact Address:	130 East Randolph Drive
	Chicago, IL, 60601
Contact Phone :	3122404560
Date Enrolled :	01/13/1993

Map ID	Site	MAP FINDINGS	EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation			

PEOPLES GAS AND LIGHT (Continued)
S104491544

Consultant Company : Not reported
 Point Of Contact : Not reported
 Consultant Address:
 Consultant Phone : Not reported
 Proj Mgr Assigned : Seul
 Sec. 4 Letter Date : / /
 No Further Remediation Letter Dt : / /
 NFR Recorded : / /
 Active : False
 Total Acres : 0.00000

139 South > 1 5439 ft. Higher	LISSNER CORP 1000 N OGDEN AVE CHICAGO, IL 60622	RCRIS-SQG 1000383491 FINDS ILD006931075 RAATS CORRACTS
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CORRACTS Data:

EPA Id: ILD006931075
 Region: 5
 State: IL
 Area Name: ENTIRE FACILITY
 Original Scheduled Date: Not reported
 New Scheduled Date: Not reported
 Actual Date: 3/31/1994
 Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority

RCRIS Corrective Action Summary:

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
 Event Date: 03/31/1994

RCRIS:

Owner: LISSNER CORPORATION
 (312) 555-1212
 EPA ID: ILD006931075
 Contact: MARK MATZA
 (312) 951-2400

Rank Status: 3
 Rank Date: 03/31/1994
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
 Facility Registry System (FRS)
 Resource Conservation and Recovery Act Information system (RCRAINFO)

140 NW > 1 5832 ft. Higher	ELECTRO FINISHERS 1662 W. FULLERTON CHICAGO, IL 60614	SHWS S105015143 N/A
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Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number

Database(s)

S105015143

ELECTRO FINISHERS (Continued)

SHWS:

Facility ID:	0316005447	
Facility Type:		Metal Plater
Facility ID:	0316005447	
Facility Type:		Plating Operation

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHICAGO	S103687543	AMOCO OIL CO. #5091	NORTH / ASHLAND	60614	LUST
CHICAGO	1004694709	COOK COUNTY HWY DEPT	N ASHLAND AVE ST NORTH BRANCH	60614	RCRIS-SQG, FINDS
CHICAGO	1001647079	AKZO SALT INC.	932 NORTH BRANCH ST.	60622	LUST
CHICAGO	S104528618	CHAS. LEVY TRANSPORTATION CO.	1200 NORTH BRANCH ST.	60622	LUST
CHICAGO	S105620637	IL MEDICAL DIST.	S.W. CORNER ASHLAND / WASHBU		LUST
CHICAGO	S105620638	IL MEDICAL DIST.	N.W. CORNER ASHLAND / WASHBU		LUST
CHICAGO	S105537761	ST. VINCENT DEPAUL CENTER	2145 NORTH HALSTEAD	60614	LUST
CHICAGO	S104526885	VULCAN MATERIALS	1092 NORTH NORTHBANCH	60622	LUST
CHICAGO	S105155406	HAYES MACHINERY	1349 NORTH WETERN AVE.	60622	LUST

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D018	BENZENE
D035	METHYL ETHYL KETONE
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDs CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDs CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDs CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/24/02

Date of Data Arrival at EDR: 11/04/02

Date Made Active at EDR: 12/09/02

Elapsed ASTM days: 35

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/04/02

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

EPA Region 6

Telephone 617-918-1143

Telephone: 214-655-6659

EPA Region 3

EPA Region 8

Telephone 215-814-5418

Telephone: 303-312-6774

EPA Region 4

Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 10/24/02

Date of Data Arrival at EDR: 11/04/02

Date Made Active at EDR: 12/09/02

Elapsed ASTM days: 35

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/04/02

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/15/02

Date of Data Arrival at EDR: 09/23/02

Date Made Active at EDR: 10/28/02

Elapsed ASTM days: 35

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/15/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/03/02
Elapsed ASTM days: 25
Date of Last EDR Contact: 12/26/02

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/29/02
Date Made Active at EDR: 12/26/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/15/02
Elapsed ASTM days: 72
Date of Last EDR Contact: 12/09/02

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 09/09/02
Date Made Active at EDR: 10/28/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 09/24/02
Elapsed ASTM days: 34
Date of Last EDR Contact: 12/26/02

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/01
Date Made Active at EDR: 07/15/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 07/02/02
Elapsed ASTM days: 13
Date of Last EDR Contact: 10/28/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 12/17/02
Date of Next Scheduled EDR Contact: 03/17/03

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/21/01
Database Release Frequency: Annually

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/18/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/04/02
Date of Next Scheduled EDR Contact: 02/03/03

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/10/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/07/02
Date of Next Scheduled EDR Contact: 01/06/03

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 10/21/02
Date of Next Scheduled EDR Contact: 01/20/03

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/21/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/02
Date of Next Scheduled EDR Contact: 01/06/03

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 09/10/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/03/03
Date of Next Scheduled EDR Contact: 03/31/03

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/25/02
Date of Next Scheduled EDR Contact: 02/24/03

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-564-3887

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/20/02
Database Release Frequency: Annually

Date of Last EDR Contact: 11/13/02
Date of Next Scheduled EDR Contact: 02/10/03

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/10/02
Date of Next Scheduled EDR Contact: 03/10/03

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-5521

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 12/10/02
Date of Next Scheduled EDR Contact: 03/10/03

FTTS INSP: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 10/24/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02
Date of Next Scheduled EDR Contact: 03/24/03

SSTS: Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 10/22/02
Date of Next Scheduled EDR Contact: 01/20/03

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA,

TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/24/02

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/26/02

Date of Next Scheduled EDR Contact: 03/24/03

STATE OF ILLINOIS ASTM STANDARD RECORDS

SHWS: State Oversight List

Source: Illinois Environmental Protection Agency

Telephone: 217-524-4863

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/21/02

Date Made Active at EDR: 11/12/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/29/02

Elapsed ASTM days: 14

Date of Last EDR Contact: 11/25/02

SWF/LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge

Source: Illinois Environmental Protection Agency

Telephone: 217-785-8604

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/01/02

Date Made Active at EDR: 04/23/02

Database Release Frequency: Annually

Date of Data Arrival at EDR: 03/08/02

Elapsed ASTM days: 46

Date of Last EDR Contact: 11/12/02

LUST: Leaking Underground Storage Tank Sites

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6760

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 11/20/02

Date Made Active at EDR: 12/26/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/25/02

Elapsed ASTM days: 31

Date of Last EDR Contact: 11/25/02

UST: Underground Storage Tank Facility List

Source: Illinois State Fire Marshal

Telephone: 217-785-0969

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/04/02

Date Made Active at EDR: 12/24/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/10/02

Elapsed ASTM days: 14

Date of Last EDR Contact: 11/25/02

IMPDMENT: Surface Impoundment Inventory

Source: Illinois Waste Management & Research Center

Telephone: 217-333-8940

Statewide inventory of industrial, municipal, mining, oil & gas , and large agricultural impoundment. This study was conducted by the Illinois EPA to assess potential for contamination of shallow aquifers. This was a one-time study. Although many of the impoundments may no longer be present, the sites may be contaminated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/80
Date Made Active at EDR: 06/03/02
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/08/02
Elapsed ASTM days: 87
Date of Last EDR Contact: 02/20/02

CAT: Category List

Source: Illinois EPA

Telephone: N/A

Sites on this list are: Notice of Response Action, NPL, Pre/proposed NPL, Completed Remedial Action, Site Remediation Program, Federal Facilities, and Cleanup Started and/or Completed Sites.

Date of Government Version: 06/01/97
Date Made Active at EDR: 08/14/97
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/07/97
Elapsed ASTM days: 38
Date of Last EDR Contact: 02/26/01

STATE OF ILLINOIS ASTM SUPPLEMENTAL RECORDS

SRP: Site Remediation Program Database

Source: Illinois Environmental Protection Agency
Telephone: 217-785-9407

The database identifies the status of all voluntary remediation projects administered through the pre-notice site cleanup program (1989 to 1995) and the site remediation program (1996 to the present).

Date of Government Version: 11/12/02
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/18/02
Date of Next Scheduled EDR Contact: 02/17/03

IL NIPC: Solid Waste Landfill Inventory

Source: Northeastern Illinois Planning Commission
Telephone: 312-454-0400

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/88
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/11/97
Date of Next Scheduled EDR Contact: N/A

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WILLOW STREET STATION
1701 KINGSBURY STREET
CHICAGO, IL 60614

TARGET PROPERTY COORDINATES

Latitude (North):	41.912899 - 41° 54' 46.4"
Longitude (West):	87.656303 - 87° 39' 22.7"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	445571.1
UTM Y (Meters):	4640100.5

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2441087-H6 CHICAGO LOOP, IL
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General SW

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> COOK, IL	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	1700740055B
Additional Panels in search area:	000000000000 1700740045B 1700740039B 1700740060B

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> CHICAGO LOOP	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
Status: Not found

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
33	1/2 - 1 Mile SSE	NE
F34	1/2 - 1 Mile SSW	Not Reported
35	1/2 - 1 Mile West	Not Reported
G36	1/2 - 1 Mile South	Not Reported
I38	1/2 - 1 Mile North	Not Reported
J41	1/2 - 1 Mile ENE	Not Reported
46	1 - 2 Miles NNW	Not Reported
47	1 - 2 Miles SSE	Not Reported
49	1 - 2 Miles East	Not Reported
50	1 - 2 Miles SSE	Not Reported
51	1 - 2 Miles NNE	E
52	1 - 2 Miles NE	Not Reported
53	1 - 2 Miles SSE	Not Reported
54	1 - 2 Miles SSW	Not Reported
58	1 - 2 Miles SSW	NNE
59	1 - 2 Miles WNW	Not Reported
60	1 - 2 Miles NW	NE
61	1 - 2 Miles NNE	Not Reported
63	1 - 2 Miles SSW	Inconclusive
K64	1 - 2 Miles SE	Not Reported
K65	1 - 2 Miles SE	NE
L66	1 - 2 Miles SE	Not Reported
K68	1 - 2 Miles SE	Not Reported
L69	1 - 2 Miles SE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era: Paleozoic Category: Stratified Sequence
 System: Silurian
 Series: Middle Silurian (Niagoaran)
 Code: S2 (*decoded above as Era, System & Series*)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

Soil Layer Information								
	Boundary			Classification				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)	
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00	

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinate soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
 fine sandy loam
 loam
 fine sand

Surficial Soil Types: silt loam
 fine sandy loam
 loam
 fine sand

Shallow Soil Types: sandy loam

Deeper Soil Types: silt loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

loamy sand
sand
loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION</u>
		FROM TP
A1	415446087393901	1/8 - 1/4 Mile West
A2	415446087393901	1/8 - 1/4 Mile West
D12	415455087394501	1/4 - 1/2 Mile WNW
D13	415455087394501	1/4 - 1/2 Mile WNW
G28	415412087391801	1/2 - 1 Mile South
G29	415412087391801	1/2 - 1 Mile South

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION</u>
		FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

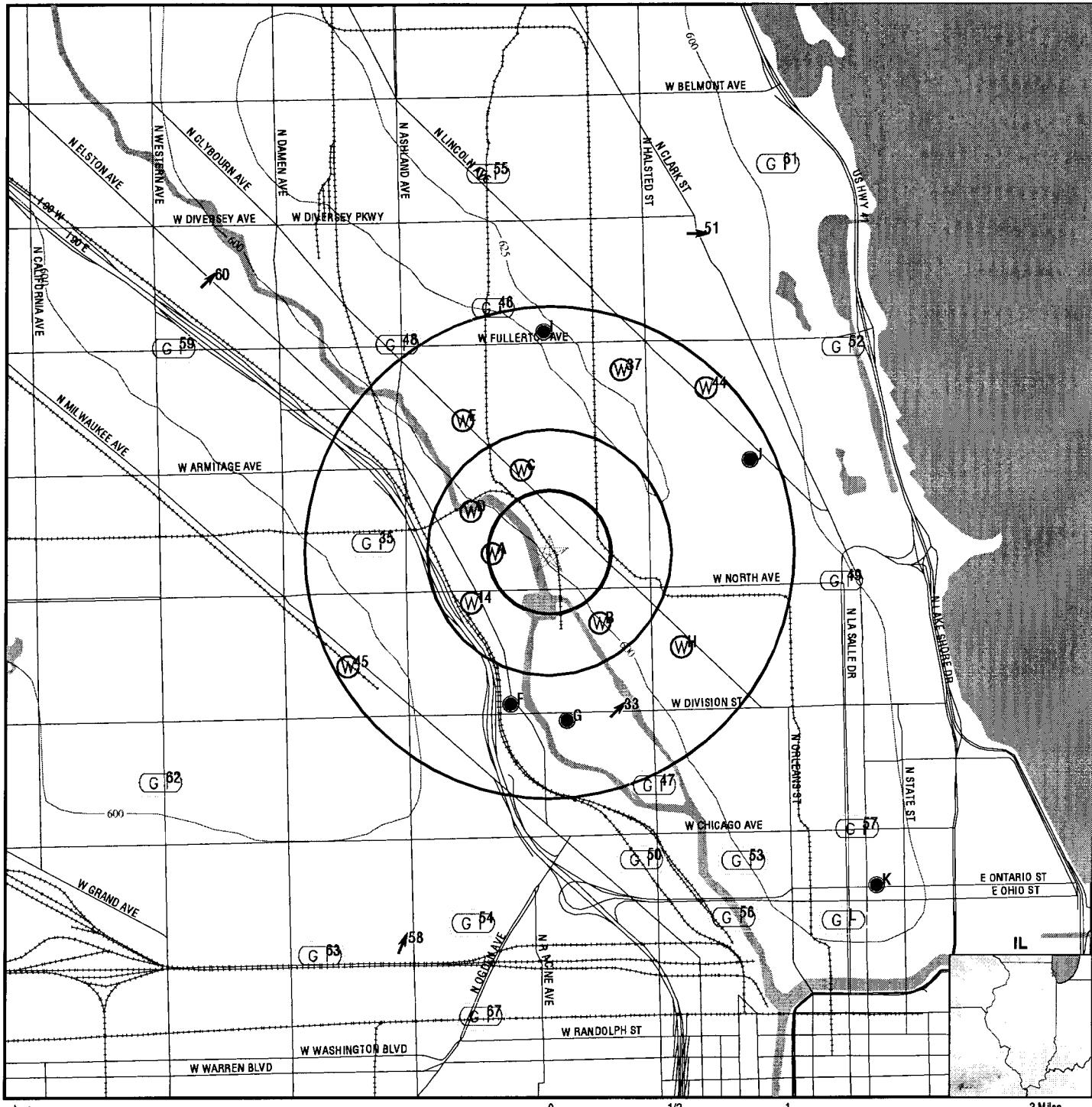
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION</u>
		FROM TP
B3		
B4		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C5	P7519	1/4 - 1/2 Mile NNW
C6	P7518	1/4 - 1/2 Mile NNW
C7	P7520	1/4 - 1/2 Mile NNW
C8	P7521	1/4 - 1/2 Mile NNW
C9	P7517	1/4 - 1/2 Mile NNW
C10	P7522	1/4 - 1/2 Mile NNW
C11	P7523	1/4 - 1/2 Mile NNW
14	P7020	1/4 - 1/2 Mile WSW
B15	P7018	1/4 - 1/2 Mile SE
E16	GIL00021505	1/2 - 1 Mile NNW
F17	P7015	1/2 - 1 Mile SSW
F18	P7010	1/2 - 1 Mile SSW
F19	P7017	1/2 - 1 Mile SSW
F20	P7014	1/2 - 1 Mile SSW
F21	P7009	1/2 - 1 Mile SSW
F22	P7011	1/2 - 1 Mile SSW
F23	P7016	1/2 - 1 Mile SSW
F24	P7013	1/2 - 1 Mile SSW
F25	P7012	1/2 - 1 Mile SSW
E26	P7526	1/2 - 1 Mile NW
E27	P7525	1/2 - 1 Mile NW
H30	P7007	1/2 - 1 Mile SE
H31	P7008	1/2 - 1 Mile SE
E32	GIL00021506	1/2 - 1 Mile NNW
37	P7524	1/2 - 1 Mile NNE
J39	P7528	1/2 - 1 Mile ENE
J40	P7527	1/2 - 1 Mile ENE
I42	GIL00027620	1/2 - 1 Mile North
I43	GIL00027619	1/2 - 1 Mile North
44	P7529	1/2 - 1 Mile NE
45	P7021	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 907691.1s



County Boundary

Major Roads

Contour Lines

Water Wells

Public Water Supply Wells

Groundwater Flow Direction

Indeterminate Groundwater Flow at Location

Groundwater Flow Varies at Location

Cluster of Multiple Icons

(C) Earthquake epicenter, Richter 5 or greater

(HD) Closest Hydrogeological Data

0 1/2 1 2 Miles



TARGET PROPERTY: Willow Street Station
ADDRESS: 1701 Kingsbury Street
CITY/STATE/ZIP: Chicago IL 60614
LAT/LONG: 41.9129 / 87.6563

CUSTOMER: Burns & McDonnell Eng. Co Inc
CONTACT: Diane Saffic
INQUIRY #: 907691.1s
DATE: January 08, 2003 1:51 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
A1 West 1/8 - 1/4 Mile Lower	FED USGS	415446087393901
BASIC WELL DATA		
Site Type:	Single well, other than collector or Ranney type	
Year Constructed:	Not Reported	County: Cook
Altitude:	593.00 ft.	State: Illinois
Well Depth:	1850.00 ft.	Topographic Setting: Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site: Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water: Bottling
A2 West 1/8 - 1/4 Mile Lower	FED USGS	415446087393901
BASIC WELL DATA		
Site Type:	Single well, other than collector or Ranney type	
Year Constructed:	Not Reported	County: Cook
Altitude:	593.00 ft.	State: Illinois
Well Depth:	1850.00 ft.	Topographic Setting: Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site: Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water: Bottling
B3 SSE 1/4 - 1/2 Mile Higher	IL WELLS	GIL00020627
Info Source:	IL Geological Survey	
API ID:	120310165100	Group Number: 31
Well Type:	Water Well	Boring: 0
X Coord:	3500633	Y Coord: 3235777
B4 SSE 1/4 - 1/2 Mile Higher	IL WELLS	GIL00020628
Info Source:	IL Geological Survey	
API ID:	120310165200	Group Number: 31
Well Type:	Water Well	Boring: 0
X Coord:	3500633	Y Coord: 3235777
C5 NNW 1/4 - 1/2 Mile Higher	IL WELLS	P7519

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	034176	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	GUTMANN TANNERY CO		
Permit:	Not Reported	Date Drilled:	00/00/1900
Depth (in feet):	990	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	
Record Type:	Chemical Analysis, Any other type of record		
Driller:	Not Reported		

C6
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7518**

Well ID:	029502	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	BIRK BREWING CO/CORPER & NOCKI		
Permit:	Not Reported	Date Drilled:	06/00/1899
Depth (in feet):	1565	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	
Record Type:	Any other type of record		
Driller:	J P MILLER		

C7
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7520**

Well ID:	034182	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	JEFFERSON ICE CO PLANT #5		
Permit:	Not Reported	Date Drilled:	00/00/1895
Depth (in feet):	1616	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	
Record Type:	Any other type of record		
Driller:	MILLER BROS		

C8
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7521**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	034186	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	NORTHWEST BREWERY		
Permit:	Not Reported	Date Drilled:	00/00/1897
Depth (in feet):	1302	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	
Record Type:	Any other type of record		
Driller:	J P MILLER		

C9
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7517**

Well ID:	029497	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	ATLANTIC BREWING CO/PAUL POHL		
Permit:	Not Reported	Date Drilled:	00/00/1800
Depth (in feet):	1304	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	
Record Type:	Any other type of record		
Driller:	J P MILLER		

C10
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7522**

Well ID:	034187	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	PETER HAND BREWERY CO		
Permit:	Not Reported	Date Drilled:	00/00/1905
Depth (in feet):	1972	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	
Record Type:	Chemical Analysis,Any other type of record		
Driller:	J P MILLER		

C11
NNW
1/4 - 1/2 Mile
Higher

IL WELLS **P7523**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	034190	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	SPIELMAN BROS VINEGAR WORKS		
Permit:	Not Reported	Date Drilled:	05/00/1899
Depth (in feet):	1590	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	Not Reported
Well Use:	IN	Well Type:	
Record Type:	Geology,Chemical Analysis,Any other type of record		
Driller:	J P MILLER		

D12
WNW
1/4 - 1/2 Mile
Higher

FED USGS 415455087394501

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1905	County:	Cook
Altitude:	590.00 ft.	State:	Illinois
Well Depth:	1973.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Bottling

D13
WNW
1/4 - 1/2 Mile
Higher

FED USGS 415455087394501

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1905	County:	Cook
Altitude:	590.00 ft.	State:	Illinois
Well Depth:	1973.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Bottling

14
WSW
1/4 - 1/2 Mile
Lower

IL WELLS P7020

Well ID:	033819	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	CHICAGO BREWERY CO		
Permit:	Not Reported	Date Drilled:	00/00/1914
Depth (in feet):	1875	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	5H
Well Use:	IN	Well Type:	
Record Type:	Construction Report,Geology,Chemical Analysis		
Driller:	GEIGER		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
B15 SE 1/4 - 1/2 Mile Higher	IL WELLS	P7018
Well ID: 033853 Info Source: IL Private Water Wells Survey Owner: PRIMA PRODUCTS/INDEPENDENT BRE Permit: Not Reported Depth (in feet): 2164 County Code: 031 Township: 39N Section: 05 Well Use: IN Record Type: Geology,Chemical Analysis,Any other type of record Driller: J P MILLER	Second ID: Date Drilled: Aquifer Type: County: Range: Plot Location: Well Type:	Not Reported 00/00/1914 Bedrock COOK 14E 1G
E16 NNW 1/2 - 1 Mile Higher	IL WELLS	GIL00021505
Info Source: IL Geological Survey API ID: 120310337800 Well Type: Water Well X Coord: 3498145	Group Number: Boring: Y Coord:	31 0 3239962
F17 SSW 1/2 - 1 Mile Higher	IL WELLS	P7015
Well ID: 033836 Info Source: IL Private Water Wells Survey Owner: EARNEST BROS BREWERY Permit: Not Reported Depth (in feet): 1655 County Code: 031 Township: 39N Section: 05 Well Use: IN Record Type: Any other type of record Driller: J P MILLER	Second ID: Date Drilled: Aquifer Type: County: Range: Plot Location: Well Type:	Not Reported 00/00/1889 Bedrock COOK 14E Not Reported
F18 SSW 1/2 - 1 Mile Higher	IL WELLS	P7010

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID: 024216 Second ID: Not Reported
 Info Source: IL Private Water Wells Survey
 Owner: CHICAGO BREWING CO(OR 1875' DE
 Permit: Not Reported Date Drilled: 00/00/1934
 Depth (in feet): 1627 Aquifer Type: Bedrock
 County Code: 031 County: COOK
 Township: 39N Range: 14E
 Section: 05 Plot Location: Not Reported
 Well Use: IN Well Type: ASSUMED DRILLED
 Record Type: Construction Report,Geology,Indicates comment in owner's field something unusual
 Driller: J P MILLER

F19
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7017**

Well ID: 189827 Second ID: Not Reported
 Info Source: IL Private Water Wells Survey
 Owner: STANDARD BRANDS #1
 Permit: Not Reported Date Drilled: 00/00/1922
 Depth (in feet): 1966 Aquifer Type: --
 County Code: 031 County: COOK
 Township: 39N Range: 14E
 Section: 05 Plot Location: Not Reported
 Well Use: IN Well Type: --
 Record Type: Any other type of record
 Driller: LAYNE-BOWLER

F20
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7014**

Well ID: 033809 Second ID: Not Reported
 Info Source: IL Private Water Wells Survey
 Owner: HERMAN & CO/AMERICAN MALTING C
 Permit: Not Reported Date Drilled: 02/02/1899
 Depth (in feet): 1302 Aquifer Type: Bedrock
 County Code: 031 County: COOK
 Township: 39N Range: 14E
 Section: 05 Plot Location: Not Reported
 Well Use: IN Well Type: ||
 Record Type: Geology,Chemical Analysis,Any other type of record
 Driller: J P MILLER

F21
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7009**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	023909	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	BUSH & GERTZ PIANO CO/PATENT S		
Permit:	Not Reported	Date Drilled:	00/00/1910
Depth (in feet):	412	Aquifer Type:	Not Reported
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	ASSUMED DRILLED
Record Type:	Any other type of record		
Driller:	Not Reported		

F22
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7011**

Well ID:	029542	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	CHICAGO BREWING CO (OR 1875' D		
Permit:	Not Reported	Date Drilled:	00/00/1934
Depth (in feet):	1627	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	
Record Type:	Construction Report,Geology,Indicates comment in owner's field something unusual		
Driller:	J P MILLER		

F23
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7016**

Well ID:	033892	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	WEST SIDE BREWERY		
Permit:	Not Reported	Date Drilled:	00/00/1914
Depth (in feet):	2100	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	
Record Type:	Chemical Analysis		
Driller:	Not Reported		

F24
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7013**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID:	033492	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	STANDARD BRANDS		
Permit:	Not Reported	Date Drilled:	00/00/1925
Depth (in feet):	1962	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	
Record Type:	Geology,Any other type of record		
Driller:	LAYNE-BOWLER		

F25
SSW
1/2 - 1 Mile
Higher

IL WELLS **P7012**

Well ID:	033482	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	STANDARD BRANDS/FLEISCHMAN YEA		
Permit:	Not Reported	Date Drilled:	00/00/1918
Depth (in feet):	1966	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	14E
Section:	05	Plot Location:	Not Reported
Well Use:	IN	Well Type:	
Record Type:	Geology,Any other type of record		
Driller:	GEIGER		

E26
NW
1/2 - 1 Mile
Higher

IL WELLS **P7526**

Well ID:	034163	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	BIRK BREWING CO		
Permit:	Not Reported	Date Drilled:	00/00/1893
Depth (in feet):	1610	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	40N	Range:	14E
Section:	32	Plot Location:	6F
Well Use:	IN	Well Type:	
Record Type:	Geology,Any other type of record		
Driller:	J P MILLER		

E27
NW
1/2 - 1 Mile
Higher

IL WELLS **P7525**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID: 034162 Second ID: Not Reported
 Info Source: IL Private Water Wells Survey
 Owner: BIRK BREWING CO
 Permit: Not Reported Date Drilled: 09/00/1943
 Depth (in feet): 1590 Aquifer Type: Bedrock
 County Code: 031 County: COOK
 Township: 40N Range: 14E
 Section: 32 Plot Location: 6F
 Well Use: IN Well Type: ||
 Record Type: Construction Report,Geology,Chemical Analysis,Any other type of record
 Driller: GEIGER

G28
 South
 1/2 - 1 Mile
 Higher

FED USGS 415412087391801

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Cook
Altitude:	594.00 ft.	State:	Illinois
Well Depth:	2164.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Industrial

G29
 South
 1/2 - 1 Mile
 Higher

FED USGS 415412087391801

BASIC WELL DATA

Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	Not Reported	County:	Cook
Altitude:	594.00 ft.	State:	Illinois
Well Depth:	2164.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Industrial

H30
 SE
 1/2 - 1 Mile
 Higher

IL WELLS P7007

Well ID: 033829 Second ID: Not Reported
 Info Source: IL Private Water Wells Survey
 Owner: CRYSTAL ICE CO
 Permit: Not Reported Date Drilled: 07/00/1897
 Depth (in feet): 1615 Aquifer Type: Bedrock
 County Code: 031 County: COOK
 Township: 39N Range: 14E
 Section: 04 Plot Location: 7G
 Well Use: IN Well Type: ||
 Record Type: Geology,Any other type of record
 Driller: J P MILLER

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
H31 SE 1/2 - 1 Mile Higher		IL WELLS	P7008
Well ID: 033882 Info Source: IL Private Water Wells Survey Owner: SIEBEN BREWING CO/OLD EXCELSIO Permit: Not Reported Depth (in feet): 1240 County Code: 031 Township: 39N Section: 04 Well Use: IN Record Type: Geology,Chemical Analysis,Any other type of record Driller: MILLER	Second ID: Date Drilled: Aquifer Type: County: Range: Plot Location: Well Type: 	Not Reported 05/00/1897 Bedrock COOK 14E 7G 	
E32 NNW 1/2 - 1 Mile Higher		IL WELLS	GIL00021506
Info Source: IL Geological Survey API ID: 120310337900 Well Type: Water Well X Coord: 3497804	Group Number: Boring: Y Coord:	31 0 3240278	
33 SSE 1/2 - 1 Mile Lower	Site ID: S100052384 Groundwater Flow: NE Deep Water Depth: 5 Average Water Depth: Not Reported Shallow Water Depth: 2 Current Deep Depth: 5 Current Average Depth: Not Reported Current Shallow Depth: 2 Date: 03/98		AQUIFLOW 24816
F34 SSW 1/2 - 1 Mile Higher	Site ID: S102943665 Groundwater Flow: Not Reported Deep Water Depth: 17.25 Average Water Depth: Not Reported Shallow Water Depth: 6.62 Current Deep Depth: Not Reported Current Average Depth: 4 Current Shallow Depth: Not Reported Date: 02/05/1996		AQUIFLOW 62415
35 West 1/2 - 1 Mile Higher	Site ID: 1000402536 Groundwater Flow: Not Reported Deep Water Depth: Not Reported Average Water Depth: 6.77 Shallow Water Depth: Not Reported Current Deep Depth: Not Reported Current Average Depth: 6.77 Current Shallow Depth: Not Reported Date: 12/09/1993		AQUIFLOW 62994

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
G36 South 1/2 - 1 Mile Higher	Site ID: S100530252 Groundwater Flow: Not Reported Deep Water Depth: 5.48 Average Water Depth: Not Reported Shallow Water Depth: 2.31 Current Deep Depth: Not Reported Current Average Depth: Not Reported Current Shallow Depth: Not Reported Date: 10/18/1996	AQUIFLOW	62373
37 NNE 1/2 - 1 Mile Higher		IL WELLS	P7524
	Well ID: 034173 Info Source: IL Private Water Wells Survey Owner: F P SMITH WIRE & IRON WORKS Permit: Not Reported Depth (in feet): 240 County Code: 031 Township: 40N Section: 32 Well Use: IN Record Type: Geology,Chemical Analysis,Any other type of record Driller: GEIGER		
I38 North 1/2 - 1 Mile Higher	Site ID: 1000463085 Groundwater Flow: Not Reported Deep Water Depth: Not Reported Average Water Depth: 5.5 Shallow Water Depth: Not Reported Current Deep Depth: 7 Current Average Depth: Not Reported Current Shallow Depth: 6 Date: 08/05/1997	AQUIFLOW	61949
J39 ENE 1/2 - 1 Mile Higher		IL WELLS	P7528
	Well ID: 034177 Info Source: IL Private Water Wells Survey Owner: HETZEL PKG CO Permit: Not Reported Depth (in feet): 160 County Code: 031 Township: 40N Section: 33 Well Use: IN Record Type: Any other type of record Driller: Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
J40 ENE 1/2 - 1 Mile Higher	IL WELLS	P7527
Well ID: 023954 Info Source: IL Private Water Wells Survey Owner: BARTHOLOMAE & LEICHT BREWING C Permit: Not Reported Depth (in feet): 1630 County Code: 031 Township: 40N Section: 33 Well Use: IN Record Type: Any other type of record Driller: J P MILLER	Second ID: Date Drilled: Aquifer Type: County: Range: Plot Location: Well Type:	Not Reported 00/00/1889 Bedrock COOK 14E Not Reported ASSUMED DRILLED
J41 ENE 1/2 - 1 Mile Higher	AQUIFLOW	27103
Site ID: 1000612992 Groundwater Flow: Not Reported Deep Water Depth: Not Reported Average Water Depth: 8 Shallow Water Depth: Not Reported Current Deep Depth: Not Reported Current Average Depth: 9.5 Current Shallow Depth: Not Reported Date: 08/06/1997		
I42 North 1/2 - 1 Mile Higher	IL WELLS	GIL00027620
Info Source: IL Geological Survey API ID: 120313145300 Well Type: Water Well X Coord: 3499368	Group Number: Boring: Y Coord:	31 0 3241992
I43 North 1/2 - 1 Mile Higher	IL WELLS	GIL00027619
Info Source: IL Geological Survey API ID: 120313145200 Well Type: Water Well X Coord: 3499368	Group Number: Boring: Y Coord:	31 0 3241992
44 NE 1/2 - 1 Mile Higher	IL WELLS	P7529

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well ID: 034189 Second ID: Not Reported
 Info Source: IL Private Water Wells Survey
 Owner: U S BREWING CO/SCHMIDT BREWERY
 Permit: Not Reported Date Drilled: 00/00/1901
 Depth (in feet): 1593 Aquifer Type: Bedrock
 County Code: 031 County: COOK
 Township: 40N Range: 14E
 Section: 33 Plot Location: 5G
 Well Use: IN Well Type: ||
 Record Type: Geology,Chemical Analysis,Indicates comment in owner's field something unusual,Any other type of record
 Driller: J P MILLER

45
WSW
1/2 - 1 Mile
Higher

IL WELLS P7021

Well ID: 033886 Second ID: Not Reported
 Info Source: IL Private Water Wells Survey
 Owner: SULZBERGER & SONS (DUPLICATE)
 Permit: Not Reported Date Drilled: 00/00/1914
 Depth (in feet): 1620 Aquifer Type: Bedrock
 County Code: 031 County: COOK
 Township: 39N Range: 14E
 Section: 06 Plot Location: 2F
 Well Use: IN Well Type: ||
 Record Type: Chemical Analysis,Inventory,Indicates comment in owner's field something unusual
 Driller: Not Reported

46
NNW
1 - 2 Miles
Higher

AQUIFLOW 62017

Site ID: S101823267
 Groundwater Flow: Not Reported
 Deep Water Depth: Not Reported
 Average Water Depth: 8
 Shallow Water Depth: Not Reported
 Current Deep Depth: Not Reported
 Current Average Depth: 5
 Current Shallow Depth: Not Reported
 Date: 11/20/1991

47
SSE
1 - 2 Miles
Lower

AQUIFLOW 61916

Site ID: S100530438
 Groundwater Flow: Not Reported
 Deep Water Depth: 10.70
 Average Water Depth: Not Reported
 Shallow Water Depth: 6.30
 Current Deep Depth: 7.21
 Current Average Depth: Not Reported
 Current Shallow Depth: 4.40
 Date: 05/1997

48
NW
1 - 2 Miles
Higher

AQUIFLOW 62917

Site ID: S100530159
 Groundwater Flow: Not Reported
 Deep Water Depth: Not Reported
 Average Water Depth: Not Reported
 Shallow Water Depth: Not Reported
 Current Deep Depth: 7.14
 Current Average Depth: Not Reported
 Current Shallow Depth: 4.32
 Date: 11/11/1998

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
49 East 1 - 2 Miles Higher	Site ID: S100530704 Groundwater Flow: Not Reported Deep Water Depth: 12 Average Water Depth: Not Reported Shallow Water Depth: 10 Current Deep Depth: 9.74 Current Average Depth: Not Reported Current Shallow Depth: 9.23 Date: 08/22/1998	AQUIFLOW	62124
50 SSE 1 - 2 Miles Higher	Site ID: S100530738 Groundwater Flow: Not Reported Deep Water Depth: Not Reported Average Water Depth: 6 Shallow Water Depth: Not Reported Current Deep Depth: Not Reported Current Average Depth: Not Reported Current Shallow Depth: Not Reported Date: 03/13/1998	AQUIFLOW	56368
51 NNE 1 - 2 Miles Higher	Site ID: S100530354 Groundwater Flow: E Deep Water Depth: 8.5 Average Water Depth: Not Reported Shallow Water Depth: 4.5 Current Deep Depth: 8 Current Average Depth: Not Reported Current Shallow Depth: 7 Date: 1/24/92	AQUIFLOW	25030
52 NE 1 - 2 Miles Lower	Site ID: S100054974 Groundwater Flow: Not Reported Deep Water Depth: 14 Average Water Depth: Not Reported Shallow Water Depth: 10 Current Deep Depth: 12 Current Average Depth: Not Reported Current Shallow Depth: 7 Date: 07/1995	AQUIFLOW	56519
53 SSE 1 - 2 Miles Higher	Site ID: S102944042 Groundwater Flow: Not Reported Deep Water Depth: Not Reported Average Water Depth: 13 Shallow Water Depth: Not Reported Current Deep Depth: Not Reported Current Average Depth: Not Reported Current Shallow Depth: Not Reported Date: 01/06/1995	AQUIFLOW	56438

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
54 SSW 1 - 2 Miles Higher	Site ID: S102943634 Groundwater Flow: Not Reported Deep Water Depth: Not Reported Average Water Depth: 3 Shallow Water Depth: Not Reported Current Deep Depth: Not Reported Current Average Depth: 3 Current Shallow Depth: Not Reported Date: 10/20/1993	AQUIFLOW	27329
55 North 1 - 2 Miles Higher	Shallow Water Depth: 75 Groundwater Flow: Not Reported Deep Water Depth: 77 Date: 5/24/93	AQUIFLOW	10648
56 SSE 1 - 2 Miles Lower	Site ID: S102943850 Groundwater Flow: Not Reported Deep Water Depth: Not Reported Average Water Depth: Not Reported Shallow Water Depth: Not Reported Current Deep Depth: 10.26 Current Average Depth: Not Reported Current Shallow Depth: 5.20 Date: 01/20/1999	AQUIFLOW	61894
57 SE 1 - 2 Miles Higher	Site ID: S100054979 Groundwater Flow: Not Reported Deep Water Depth: Not Reported Average Water Depth: Not Reported Shallow Water Depth: Not Reported Current Deep Depth: Not Reported Current Average Depth: Not Reported Current Shallow Depth: 18 Date: 02/10/1999	AQUIFLOW	56591
58 SSW 1 - 2 Miles Higher	Site ID: S102943955 Groundwater Flow: NNE Deep Water Depth: Not Reported Average Water Depth: Not Reported Shallow Water Depth: Not Reported Current Deep Depth: Not Reported Current Average Depth: Not Reported Current Shallow Depth: Not Reported Date: 3/29/93	AQUIFLOW	25019
59 WNW 1 - 2 Miles Higher	Site ID: S102943668 Groundwater Flow: Not Reported Deep Water Depth: 15.4 Average Water Depth: Not Reported Shallow Water Depth: 7.7 Current Deep Depth: 15.4 Current Average Depth: Not Reported Current Shallow Depth: 7.7 Date: 03/29/1994	AQUIFLOW	61932

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
60 NW 1 - 2 Miles Lower	Site ID: 1000211694 Groundwater Flow: NE Deep Water Depth: 7 Average Water Depth: Not Reported Shallow Water Depth: 5 Current Deep Depth: 5.81 Current Average Depth: Not Reported Current Shallow Depth: 2.30 Date: 11/29/1993	AQUIFLOW	24909
61 NNE 1 - 2 Miles Higher	Site ID: S102944091 Groundwater Flow: Not Reported Deep Water Depth: Not Reported Average Water Depth: Not Reported Shallow Water Depth: 12 Current Deep Depth: 11 Current Average Depth: Not Reported Current Shallow Depth: 10 Date: 10/30/1997	AQUIFLOW	62183
62 WSW 1 - 2 Miles Higher	Site ID: S100530134 Groundwater Flow: Not Reported Deep Water Depth: Not Reported Average Water Depth: Not Reported Shallow Water Depth: Not Reported Current Deep Depth: 7.67 Current Average Depth: Not Reported Current Shallow Depth: 3.63 Date: 06/30/1998	AQUIFLOW	62616
63 SSW 1 - 2 Miles Higher	Site ID: S102943733 Groundwater Flow: Inconclusive Deep Water Depth: 12.31 Average Water Depth: Not Reported Shallow Water Depth: 3.59 Current Deep Depth: 12.31 Current Average Depth: Not Reported Current Shallow Depth: 3.59 Date: 11/05/1992	AQUIFLOW	27203
K64 SE 1 - 2 Miles Higher	Site ID: S100530792 Groundwater Flow: Not Reported Deep Water Depth: 5.62 Average Water Depth: Not Reported Shallow Water Depth: 4.29 Current Deep Depth: 6 Current Average Depth: Not Reported Current Shallow Depth: 4 Date: 05/1992	AQUIFLOW	27090

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
K65 SE 1 - 2 Miles Higher	Site ID: S102944571 Groundwater Flow: NE Deep Water Depth: Not Reported Average Water Depth: Not Reported Shallow Water Depth: Not Reported Current Deep Depth: Not Reported Current Average Depth: Not Reported Current Shallow Depth: Not Reported Date: 06/04/1992	AQUIFLOW	56315
L66 SE 1 - 2 Miles Higher	Site ID: S100052304 Groundwater Flow: Not Reported Deep Water Depth: 7.5 Average Water Depth: Not Reported Shallow Water Depth: 7 Current Deep Depth: 4.5 Current Average Depth: Not Reported Current Shallow Depth: 3 Date: 06/30/97	AQUIFLOW	24808
67 South 1 - 2 Miles Higher	Site ID: S101823471 Groundwater Flow: Not Reported Deep Water Depth: Not Reported Average Water Depth: Not Reported Shallow Water Depth: Not Reported Current Deep Depth: 1 Current Average Depth: Not Reported Current Shallow Depth: 1 Date: 02/05/1993	AQUIFLOW	56409
K68 SE 1 - 2 Miles Higher	Site ID: 1000612630 Groundwater Flow: Not Reported Deep Water Depth: 9 Average Water Depth: Not Reported Shallow Water Depth: 8 Current Deep Depth: 9 Current Average Depth: Not Reported Current Shallow Depth: 8 Date: 04/24/1992	AQUIFLOW	62390
L69 SE 1 - 2 Miles Higher	Site ID: 1000614843 Groundwater Flow: Not Reported Deep Water Depth: 14 Average Water Depth: Not Reported Shallow Water Depth: 10 Current Deep Depth: 14 Current Average Depth: Not Reported Current Shallow Depth: 10 Date: 07/31/1997	AQUIFLOW	61915

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for COOK County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 60614

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.300 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-4099

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-4099

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

County Well Data in Illinois:Cook and DuPage Counties
Source: Illinois State Geological Survey
Telephone: 217-244-2387

Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)
Source: Illinois State Water Survey
Telephone: 217-333-9043

Illinois State Geological Survey Water Wells
Source: Illinois State Geological Survey
Telephone: 217-333-5102
Point data set that shows locations, well type, and well ID for wells in Illinois. Data comes from driller's logs.

RADON

Area Radon Information
Source: USGS
Telephone: 303-202-4210
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 202-564-9370
Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

**APPENDIX C
PHOTO LOG
HAWTHORNE REGULATOR STATION**



Hawthorne Regulator Station
Date: June 12, 2002

Description:

View of northeastern portion of the site facing Marcey Street. Areas marked for air knifing prior to SI activities.



Hawthorne Regulator Station
Date: June 13, 2002

Description:

View looking into a former concrete vault (approximately 4 feet below ground surface) exposed using air knife techniques.



Hawthorne Regulator Station
Date: June 14, 2002

Description:

Attempting to locate a water line using air knife techniques.



Hawthorne Regulator Station
Date: June 19, 2002

Description:

Preparing to advance soil probe SP22A.

**APPENDIX D
SOIL LOGS
HAWTHORNE REGULATOR STATION**

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP13			
Ground Elevation 200.4 ft.		Coordinates N 5556.608 E 5220.562				Page 1 of 1			
Surface Conditions Asphalt						Total Depth 16			
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured		
GP	2"	16	0	4					
Drilling Company Rock and Soil Drilling Corporation				Driller(s) Lance McGill					
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner					
Date 6-18-02	To 6-18-02	Logged By Christy Barry		Reviewed By: Gail Graff		Approved By: Scott Letzel			
Depth (feet)	Description	Graphic Log	SAMPLING						Remarks
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)	
CORING									
Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)				
4' Macro	1			4.0/4.0				1.1	Sampled 2-3'
4' Macro	2			2.5/4.0				0.0	
4' Macro	3			3.5/4.0	4.5			1.2	Sampled 10-11'
4' Macro	4			0/4.0				NA	All of material in sampler from 12-16' was cave-in of sand from above.
EOB @ 16'									

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP14A				
Ground Elevation 200.4 ft.		Coordinates N 5590.85 E 5210.371				Page 1 of 1				
Surface Conditions Asphalt						Total Depth 6				
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured			
GP	2"	6	0	2						
Drilling Company	Rock and Soil Drilling Corporation			Driller (s)	Lance McGill					
Drilling Rig	Bobcat Mounted GeoProbe			Type of Sampler	4 foot Macro Sampler with 1.5" diameter acetate liner					
Date	6-18-02	To 6-18-02	Logged By	Christy Barry	Reviewed By:	Gail Graff	Approved By:	Scott Letzel		
Depth (feet)	Description	Graphic Log	SAMPLING						PID Reading (PPM)	Remarks
			Sample Type	Sample Number	Blow Counts per 6 "	N Value	Sample Recovery	Penetrometer (TSF)		
Core Size	Run Number	CORING								
		RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)					
1	FILL, clay with some cinders, some sand, dark brown, moist, trace coal	4' Macro	1			3.0/4.0		0.6	Sampled 2-3'	
2		4' Macro	2			3.0/4.0		0.0		
3										
4										
5										
6	EOB @ 6' - Refusal									
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP14B			
Ground Elevation 200.4 ft.		Coordinates N 5589.581 E 5208.331				Page 1 of 1			
Surface Conditions Asphalt						Total Depth 16			
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured		
GP	2"	16	0	4					
Drilling Company Rock and Soil Drilling Corporation				Driller (s) Lance McGill					
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler	4 foot Macro Sampler with 1.5" diameter acetate liner				
Date 6-18-02	To 6-18-02	Logged By Christy Barry		Reviewed By: Gail Graff	Approved By: Scott Letzel				
Depth (feet)	Description	Graphic Log	SAMPLING						Remarks
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)	
Core Size	Run Number	CORING							
		RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)	PID Reading (PPM)			
1	FILL, clay, some silt, dark brown to black, moist, trace fine gravel	4' Macro	1			3.0/4.0		1.0	
2									
3									
4									
5									
6	SILTY CLAY (CL), dark brown to black, moist, trace fine gravel	4' Macro	2			3.5/4.0		0.0	
7	grades to moderate brown with gray mottling, hard								
8									
9									
10									
11									
12	grades to brown								
13	grades to very stiff								
14									
15									
16	EOB @ 16'								

 Depth to water while drilling
 Depth to water after drilling

Remarks

Sampled 6.5-7.5'

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP15A						
Ground Elevation 200.2 ft.		Coordinates N 5619.427 E 5205.238				Page 1 of 1						
Surface Conditions Asphalt						Total Depth 1.5						
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured					
GP	2"	1.5	0	1								
Drilling Company Rock and Soil Drilling Corporation				Driller(s) Lance McGill								
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner								
Date 6-18-02	To 6-18-02	Logged By Christy Barry		Reviewed By: Gail Graff		Approved By: Scott Letzel						
Depth (feet)	Description	Graphic Log	SAMPLING						PID Reading (PPM)	Remarks		
			Sample Type	Sample Number	Blow Counts per 6 "	N Value	Sample Recovery	Penetro-meter (TSF)				
CORING						Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)	
1	ASPHALT		4' Macro	1					1.5/1.5		0.0	
1	CONCRETE											
1	BRICK											
1	EOB @ 1.5' - Refusal											Refusal at 1.5'
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP15B							
Ground Elevation 200.2 ft.		Coordinates N 5618.047 E 5203.961				Page 1 of 1							
Surface Conditions Asphalt						Total Depth 1.5							
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured						
GP	2"	1.5	0	1									
Drilling Company Rock and Soil Drilling Corporation				Driller (s) Lance McGill									
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner									
Date 6-18-02	To 6-18-02	Logged By Christy Barry		Reviewed By: Gail Graff		Approved By: Scott Letzel							
Depth (feet)	Description	Graphic Log	SAMPLING						P/D Reading (PPM)	Remarks			
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)					
CORING						Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)		
1	ASPHALT		4' Macro	1					1.5/1.5			0.0	
2	CONCRETE												
3	EOB @ 1.5' - Refusal												
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP16				
Ground Elevation 200.5 ft.		Coordinates N 5645.845 E 5161.34				Page 1 of 1				
Surface Conditions Asphalt						Total Depth 12				
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured			
GP	2"	12	0	3						
Drilling Company	Rock and Soil Drilling Corporation			Driller (s)	Lance McGill					
Drilling Rig	Bobcat Mounted GeoProbe			Type of Sampler	4 foot Macro Sampler with 1.5" diameter acetate liner					
Date	6-18-02	To 6-18-02	Logged By	Christy Barry	Reviewed By:	Gail Graff	Approved By:	Scott Letzel		
Depth (feet)	Description	Graphic Log	SAMPLING						Remarks	
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)		
CORING						Run Recovery (%)	PID Reading (PPM)			
		Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)				
1	ASPHALT FILL, gravel, some clay, white, dry, trace sand, trace brick	4' Macro	1			2.5/4.0	0.0	Sampled 3-4'		
2										
3	FILL, sandy clay, cinders, trace coal, trace brick, dark brown/black, moist	4' Macro	2			3.0/4.0	4.5	0.9		
4								Sampled 7-8'		
5										
6										
7										
8	SILTY CLAY (CL), moderate brown with gray mottling, moist, hard, medium plasticity, trace fine gravel, trace fine sand, slight petroleum-like odor	4' Macro	3			4.0/4.0	4.5+	0.0		
9	at 8' no odor									
10										
11										
12	EOB @ 12'									
13										
14										
15										
16										

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP17							
Ground Elevation 200.4 ft.		Coordinates N 5674.93 E 5198.418				Page 1 of 1							
Surface Conditions Asphalt						Total Depth 8.5							
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured						
GP	2"	8.5	0	3									
Drilling Company Rock and Soil Drilling Corporation				Driller(s) Lance McGill									
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner									
Date 6-18-02	To 6-18-02	Logged By Christy Barry	Reviewed By: Gail Graff			Approved By: Scott Letzel							
Depth (feet)	Description	Graphic Log	SAMPLING						PID Reading (PPM)	Remarks			
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)					
CORING						Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)		
1	ASPHALT FILL, clay, gravel, some brick, brown, moist, trace sand, trace coal	4' Macro	1						3.0/4.0			0.0	Sampled 1-2'
2		4' Macro	2									0.0	
3		4' Macro	3									0.0	
4	FILL, gravel, brick, some wood fragments, brown, wet												
5													
6													
7													
8													
9	EOB @ 8.5' - Refusal												
10													
11													
12													
13													
14													
15													
16													

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP18				
Ground Elevation 200.9 ft.		Coordinates N 5687.741 E 5220.191				Page 1 of 1				
Surface Conditions Asphalt						Total Depth 12				
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured			
GP	2"	12	0	3						
Drilling Company Rock and Soil Drilling Corporation				Driller (s) Lance McGill						
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner						
Date 6-18-02	To 6-18-02	Logged By Christy Barry		Reviewed By: Gail Graff		Approved By: Scott Letzel				
Depth (feet)	Description	Graphic Log	SAMPLING						PID Reading (PPM)	Remarks
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)		
CORING										
Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)					
4' Macro	1			2.5/4.0					0.0	Sampled 2-3'
4" of brick fragments										
SILTY CLAY (CL), moderate brown with gray mottling, moist, very stiff, medium plasticity, trace fine gravel, trace fine sand	4' Macro	2			3.0/4.0	2.75			0.0	Sampled 8-9'
EOB @ 12'	4' Macro	3			4.0/4.0	3.0			0.0	
12										
13										
14										
15										
16										

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP19				
Ground Elevation 201.1 ft.		Coordinates N 5698.581 E 5236.768				Page 1 of 1				
Surface Conditions Asphalt						Total Depth 12				
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured			
GP	2"	12	0	3						
Drilling Company Rock and Soil Drilling Corporation				Driller (s) Lance McGill						
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner						
Date 6-19-02	To 6-19-02	Logged By Christy Barry	Reviewed By: Gail Graff			Approved By: Scott Letzel				
Depth (feet)	Description	Graphic Log	SAMPLING					PID Reading (PPM)	Remarks	
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery			Penetrometer (TSF)
			Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)			Recovery (%)
CORING										
1	ASPHALT FILL, clay, sand, gravel, some brick, brown to moist, trace cinders		4' Macro	1				0.0	Sampled 1-2'	
2			4' Macro	2			4.0/4.0			
3										
4										
5										
6										
7	becomes silty, stained black		4' Macro	3						
8	SILTY CLAY (CL), moderate brown with gray mottling, moist, hard, medium plasticity, trace fine gravel, trace fine sand		4' Macro							
9										
10										
11										
12	EOB @ 12'									
13										
14										
15										
16										

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP20					
Ground Elevation 200.9 ft.		Coordinates N 5647.257 E 5256.919				Page 1 of 1					
Surface Conditions Asphalt						Total Depth 12					
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured				
GP	2"	12	0	3							
Drilling Company Rock and Soil Drilling Corporation				Driller (s) Lance McGill							
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner							
Date 6-19-02	To 6-19-02	Logged By Christy Barry	Reviewed By: Gail Graff			Approved By: Scott Letzel					
Depth (feet)	Description	Graphic Log	SAMPLING						PID Reading (PPM)	Remarks	
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)			
			Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)			
CORING											
1	ASPHALT FILL, clay, sand, gravel, some brick, brown, dry to moist, trace cinders		4' Macro	1			2.5/4.0			2.2	Sampled 0.5-1.5'
2	stained black, slight petroleum odor										Sampled 3-4'
5	SILTY CLAY (CL), moderate brown with gray mottling, moist, hard, medium plasticity, trace fine gravel, trace fine sand		4' Macro	2			3.5/4.0	4.5	0.2		
6	SILT (ML), with clay, some organic matter, slight decaying organic matter odor										
7	SILTY CLAY (CL), moderate brown with gray mottling, moist, hard, medium plasticity, trace fine gravel, trace fine sand		4' Macro	3			4.0/4.0	4.5	0.2		Sampled 9-10'
12	EOB @ 12'										
13											
14											
15											
16											

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP21A				
Ground Elevation 200.0 ft.		Coordinates N 5574.551 E 5251.51				Page 1 of 1				
Surface Conditions Asphalt						Total Depth 5				
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured			
GP	2"	5	0	2						
Drilling Company Rock and Soil Drilling Corporation				Driller (s) Lance McGill						
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner						
Date 6-19-02	To 6-19-02	Logged By Christy Barry		Reviewed By: Gail Graff		Approved By: Scott Letzel				
Depth (feet)	Description	Graphic Log	SAMPLING						PID Reading (PPM)	Remarks
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)		
CORING										
Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)					
4"	1			2.0/4.0					0.3	
4"	2				1.0/1.0				0.0	
EOB @ 5' - Refusal										
1	FILL, fine to medium sand, gravel, brown, moist									
2										
3										
4										
5	FILL, gravel with some sand, wet									
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP21B							
Ground Elevation 200.0 ft.		Coordinates N 5571.626 E 5251.211				Page 1 of 1							
Surface Conditions Asphalt						Total Depth 3							
Drilling Type		Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured					
GP		2"	3	0	1								
Drilling Company Rock and Soil Drilling Corporation					Driller (s) Lance McGill								
Drilling Rig Bobcat Mounted GeoProbe					Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner								
Date 6-19-02	To 6-19-02	Logged By Christy Barry	Reviewed By: Gail Graff			Approved By: Scott Letzel							
Depth (feet)	Description	Graphic Log	SAMPLING						PID Reading (PPM)	Remarks			
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)					
CORING						Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)		
1	ASPHALT FILL, gravel, fine to medium sand, clay, brown, moist, trace brick, trace cinders		4' Macro	1					2.5/3.0			1.5	Sampled 2-3'
2	EOB @ 3' - Refusal												
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP22A			
Ground Elevation 200.2 ft.		Coordinates N 5601.221 E 5255.301				Page 1 of 1			
Surface Conditions Asphalt						Total Depth 6			
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured		
GP	2"	6	0	2					
Drilling Company Rock and Soil Drilling Corporation				Driller (s) Lance McGill					
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner					
Date 6-19-02	To 6-19-02	Logged By Christy Barry	Reviewed By: Gail Graff			Approved By: Scott Letzel			
Depth (feet)	Description	Graphic Log	SAMPLING						Remarks
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)	
CORING									
		Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)		
1	ASPHALT FILL, gravel, clay, sand, brown, moist, trace brick, trace coal	4' Macro	1			1.5/4.0		0.0	
2									
3									
4									
5									
6	EOB @ 6' - Refusal								Refusal at 6'
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP22B				
Ground Elevation 200.2 ft.		Coordinates N 5602.63 E 5253.413				Page 1 of 1				
Surface Conditions Asphalt						Total Depth 12				
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured			
GP	2"	12	0	3						
Drilling Company	Rock and Soil Drilling Corporation			Driller(s)	Lance McGill					
Drilling Rig	Bobcat Mounted GeoProbe			Type of Sampler	4 foot Macro Sampler with 1.5" diameter acetate liner					
Date	6-19-02	To 6-19-02	Logged By	Christy Barry	Reviewed By:	Gail Graff	Approved By:	Scott Letzel		
Depth (feet)	Description	Graphic Log	SAMPLING						PID Reading (PPM)	Remarks
			Sample Type	Sample Number	Blow Counts per 6 "	N Value	Sample Recovery	Penetrometer (TSF)		
			CORING							
Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)					
1										
2										
3										
4	trace concrete fragments									
5										
6	becomes wet									
7	SILTY CLAY (CL), moderate brown with gray mottling, moist, very stiff, medium plasticity, trace fine sand, trace fine gravel at 7.5', slight black staining, slight tar odor for approximately 3"	4' Macro	1			2.0/4.0		1.5	Sampled 2-3'	
8		4' Macro	2			3.0/4.0	2.75	1.2	Sampled 7-8'	
9										
10		4' Macro	3			4.0/4.0	3.5	0.0		
11										
12	EOB @ 12'									
13										
14										
15										
16										

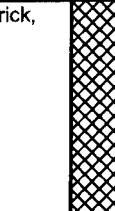
Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP23			
Ground Elevation 201.2 ft.		Coordinates N 5751.079 E 5231.969				Page 1 of 1			
Surface Conditions Asphalt				Total Depth 10					
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured		
GP	2"	10	0	3					
Drilling Company	Rock and Soil Drilling Corporation			Driller(s)	Lance McGill				
Drilling Rig	Bobcat Mounted GeoProbe			Type of Sampler	4 foot Macro Sampler with 1.5" diameter acetate liner				
Date	6-19-02	To 6-19-02	Logged By	Christy Barry	Reviewed By:	Gail Graff	Approved By:	Scott Letzel	
Depth (feet)	Description	Graphic Log	SAMPLING						Remarks
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)	
CORING									
	Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)			
1	4' Macro	1			3.0/4.0		0.0	Sampled 1-2'	
2	4' Macro	2			3.0/4.0		0.0		
3	4' Macro								
4	4' Macro								
5	4' Macro								
6	4' Macro								
7	4' Macro								
8	4' Macro								
9	4' Macro								
10	EOB @ 10' - Refusal							Sampled 9-10'	
11									
12									
13									
14									
15									
16									

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP24			
Ground Elevation 201.2 ft.		Coordinates N 5760.138 E 5245.58				Page 1 of 1			
Surface Conditions Asphalt						Total Depth 10			
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured		
GP	2"	10	0	3					
Drilling Company Rock and Soil Drilling Corporation				Driller (s) Lance McGill					
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner					
Date 6-19-02	To 6-19-02	Logged By Christy Barry		Reviewed By: Gail Graff		Approved By: Scott Letzel			
Depth (feet)	Description	Graphic Log	SAMPLING					PID Reading (PPM)	Remarks
			Sample Type	Sample Number	Blow Counts per 6 "	N Value	Sample Recovery		
CORING									
Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)				
4' Macro	1			2.5/4.0			0.8	No surface sample possible due to gravel	
4' Macro	2			3.0/4.0			7.0		
4' Macro	3			1.5/2.0			14.1	Sampled 9-10'	
EOB @ 10' - Refusal									
11									
12									
13									
14									
15									
16									

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP25							
Ground Elevation 201.0 ft.		Coordinates N 5642.473 E 5263.421				Page 1 of 1							
Surface Conditions Asphalt						Total Depth 12							
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured						
GP	2"	12	0	3									
Drilling Company Rock and Soil Drilling Corporation				Driller(s) Lance McGill									
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner									
Date 6-19-02	To 6-19-02	Logged By Christy Barry		Reviewed By: Gail Graff		Approved By: Scott Letzel							
Depth (feet)	Description	Graphic Log	SAMPLING						PbD Reading (PPM)	Remarks			
			Sample Type	Sample Number	Blow Counts per 6 "	N Value	Sample Recovery	Penetrometer (TSF)					
CORING						Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)		
1	ASPHALT FILL, gravel, clay, brown, trace sand, trace brick, trace cinders		4' Macro	1					3.0/4.0			1.0	Sampled 1-2'
2	FILL, cinders, trace brick												
3													
4	SILTY CLAY (CL), some fine gravel, moderate brown, moist, very stiff												
5													
6	SILT (ML) with some wood or organic material, dark brown to black, moist		4' Macro	2					4.0/4.0	3.25	0.2		Sampled 6-7'
7	SILTY CLAY (CL), some fine gravel, moderate brown, moist, hard												
8	grades to moderate brown with gray mottling												
9													
10			4' Macro	3					4.0/4.0	4.5	0.2		
11													
12	EOB @ 12'												
13													
14													
15													
16													

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP26				
Ground Elevation 200.5 ft.		Coordinates N 5617.713 E 5259.831				Page 1 of 1				
Surface Conditions Asphalt				Total Depth 12						
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured			
GP	2"	12	0	3						
Drilling Company	Rock and Soil Drilling Corporation			Driller (s)	Lance McGill					
Drilling Rig	Bobcat Mounted GeoProbe			Type of Sampler	4 foot Macro Sampler with 1.5" diameter acetate liner					
Date	6-19-02	To 6-19-02	Logged By	Christy Barry	Reviewed By:	Gail Graff	Approved By:	Scott Letzel		
Depth (feet)	Description	Graphic Log	SAMPLING						PID Reading (PPM)	Remarks
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)		
CORING										
		Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)			
1	ASPHALT FILL, clay, sand, gravel, some brick, brown, moist, trace coal, trace cinders	4' Macro	1			2.5/4.0			1.0	Sampled 2-3'
2										
3										
4	SILTY CLAY (CL), brown, moist, hard, medium plasticity, trace fine to medium gravel	4' Macro	2							Sampled 4-5'
5										
6	SILT (ML), trace organic matter, black	4' Macro				3.5/4.0	4.5	0.0		
7	SILTY CLAY (CL) brown, moist, hard, medium plasticity, trace fine to medium gravel	4' Macro	3			4.0/4.0	4.5	0.0		
8										
9										
10										
11										
12	EOB @ 12'									
13										
14										
15										
16										

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP27				
Ground Elevation 199.8 ft.		Coordinates N 5592.797 E 5257.564				Page 1 of 1				
Surface Conditions Sand Fill						Total Depth 12				
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured			
GP	2"	12	0	3						
Drilling Company Rock and Soil Drilling Corporation				Driller(s) Lance McGill						
Drilling Rig Bobcat Mounted GeoProbe				Type of Sampler 4 foot Macro Sampler with 1.5" diameter acetate liner						
Date 6-19-02	To 6-19-02	Logged By Christy Barry		Reviewed By: Gail Graff		Approved By: Scott Letzel				
Depth (feet)	Description	Graphic Log	SAMPLING						P/D Reading (PPM)	Remarks
			Sample Type	Sample Number	Blow Counts per 6 "	N Value	Sample Recovery	Penetrometer (TSF)		
CORING										
Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)					
4' Macro	1			2.0/4.0					0.9	Sampled 2-3'
wet, oily sheen on water surface, black staining on sand	4' Macro	2		1.5/4.0					0.0	Sampled 4-8' (poor recovery)
SILTY CLAY (CL), moderate brown with gray mottling, moist, hard, medium plasticity, trace fine gravel, trace fine sand, no staining or sheen	4' Macro	3		3.5/4.0	4.5	0.0				
EOB @ 12'										
12										
13										
14										
15										
16										

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP28			
Ground Elevation 201.1 ft.		Coordinates N 5742.99 E 5249.46				Page 1 of 2			
Surface Conditions Asphalt				Total Depth 22					
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured		
GP	2"	22	0	5					
Drilling Company	Rock and Soil Drilling Corporation			Driller(s)	Lance McGill				
Drilling Rig	Bobcat Mounted GeoProbe			Type of Sampler	4 foot Macro Sampler with 1.5" diameter acetate liner				
Date	6-19-02	To 6-19-02	Logged By	Christy Barry	Reviewed By:	Gail Graff	Approved By:	Scott Letzel	
Depth (feet)	Description	Graphic Log	SAMPLING						Remarks
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)	
CORING									
		Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)		
1	ASPHALT FILL, clay, gravel, some sand, brown, moist, trace brick, trace cinders	4' Macro	1			3.0/4.0		0.0	Sampled 1-2'
2	becomes mainly gravel and cinders	4' Macro	2			1.0/4.0		0.5	
3									
4									
5									
6									
7									
8	No recovery								
9									
10						0/4.0		NA	
11									
12	FILL, sand, moderate brown, moist, trace medium gravel	4' Macro	3						
13									
14	gravel content increases, saturated, very small oil globules on water surface, slight petroleum-like odor	4' Macro	4			4.0/4.0		0.0	Sampled 12-13'
15									
16	FILL, sand, brown to gray, moist, trace gravel	4' Macro	5			1.5/6.0		0.0	

Drilling Log, continued

							Boring Number	SP28
Project Name Peoples Gas Hawthorne							Page	2 of 2
Project Number 29168							Date	6-19-02
Depth (feet)	Description	Graphic Log		SAMPLING	CORING		PID Reading (PPM)	Remarks
			Core Size	Sample Type Sample Number	Blow Counts per 6 "	N Value	Sample Recovery	Penetro-meter (TSF)
18	FILL, sand, brown to gray, moist, trace gravel							
19								
20								
21	SILTY CLAY (CL), moderate brown with gray mottling, soft, moist, trace fine gravel, trace fine sand		4' Macro	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)
22	EOB @ 22'			5				
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP29			
Ground Elevation 201.1 ft.		Coordinates N 5752.601 E 5261.231				Page 1 of 1			
Surface Conditions Asphalt				Total Depth 15					
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured		
GP	2"	15	0	3					
Drilling Company	Rock and Soil Drilling Corporation			Driller (s)	Lance McGill				
Drilling Rig	Track Mounted GeoProbe			Type of Sampler	5 foot Macro Sampler with 1.5" diameter acetate liner				
Date	6-20-02	To 6-20-02	Logged By	Christy Barry	Reviewed By:	Gail Graff	Approved By:	Scott Letzel	
Depth (feet)	Description	Graphic Log	SAMPLING						Remarks
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)	
Core Size	Run Number	CORING							
		RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)	PDI Reading (PPM)			
1	ASPHALT FILL, clay, gravel, some brick, some sand, some cinders, brown, moist	5' Macro	1		4.0/5.0		0.6	Sampled 2-3'	
2		5' Macro	2		4.0/5.0		1.2		
9	becomes black with slight tar odor								
10	becomes wet								
13	SILTY CLAY (CL), moderate brown with gray mottling, moist, very stiff, medium plasticity, trace fine gravel, trace fine sand, slight black staining at 12.5-13'	5' Macro	3		4.5/5.0	3.25	0.3	Sampled 9-10'	
15	EOB @ 15'								
16									

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP30			
Ground Elevation 201.4 ft.		Coordinates N 5774.814 E 5288.888				Page 1 of 1			
Surface Conditions Asphalt						Total Depth 15			
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured		
GP	2"	15	0	3					
Drilling Company	Rock and Soil Drilling Corporation			Driller (s)	Lance McGill				
Drilling Rig	Track Mounted GeoProbe			Type of Sampler	5 foot Macro Sampler with 1.5" diameter acetate liner				
Date	6-20-02	To 6-20-02	Logged By	Christy Barry	Reviewed By:	Gail Graff	Approved By:	Scott Letzel	
Depth (feet)	Description	Graphic Log	SAMPLING						Remarks
			Sample Type	Sample Number	Blow Counts per 6 "	N Value	Sample Recovery	Penetrometer (TSF)	
CORING									
		Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)		
1	ASPHALT FILL, sand, gravel, tan, moist, trace clay, trace coal	5' Macro	1			2.0/5.0		1.2	Sampled 1-2'
2									
3									
4									
5									
6									
7	2" of wood, stained black, with 6" of concrete below	5' Macro	2			2.5/5.0	4.5	0.9	Sampled 8-9'
8	SILTY CLAY (CL), moderate brown with gray mottling, hard, medium plasticity, trace fine gravel, trace fine sand, some black staining	5' Macro							
9									
10	at 10.5', grades to very stiff	5' Macro	3			3.0/5.0	3.5	0.2	2' of sluff gravel and sand in top of sampler, very wet
11									
12									
13									
14									
15	EOB @ 15'								
16									

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP31				
Ground Elevation 201.4 ft.		Coordinates N 5779.703 E 5294.709				Page 1 of 1				
Surface Conditions Asphalt						Total Depth 15				
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured			
GP	2"	15	0	3						
Drilling Company	Rock and Soil Drilling Corporation			Driller(s)	Lance McGill					
Drilling Rig	Track Mounted GeoProbe			Type of Sampler	5 foot Macro Sampler with 1.5" diameter acetate liner					
Date	6-20-02	To 6-20-02	Logged By	Christy Barry	Reviewed By:	Gail Graff	Approved By:	Scott Letzel		
Depth (feet)	Description	Graphic Log	SAMPLING						PID Reading (PPM)	Remarks
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery	Penetrometer (TSF)		
		CORING						1.2	Sampled 1-2'	
		Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)			
		5' Macro	1			3.0/5.0				
1	FILL, sand, gravel, clay, some cinders, brown, moist, trace brick									
2										
3										
4										
5										
6	SILTY CLAY (CL), brown, moist, soft									
7	SILT (ML) with clay, some wood, brown/black, moist									
8	SILTY CLAY (CL) moderate brown with gray mottling, moist, very stiff, trace fine gravel									
9										
10	grades to hard									
11										
12										
13										
14										
15	EOB @ 15'									
16										

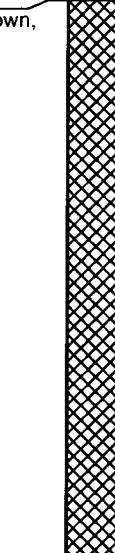
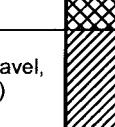
Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP32						
Ground Elevation 201.4 ft.		Coordinates N 5773.868 E 5259.785				Page 1 of 1						
Surface Conditions Asphalt						Total Depth 10.5						
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured					
GP	2"	10.5	0	3								
Drilling Company Rock and Soil Drilling Corporation				Driller(s) Lance McGill								
Drilling Rig Track Mounted GeoProbe				Type of Sampler 5 foot Macro Sampler with 1.5" diameter acetate liner								
Date 6-20-02	To 6-20-02	Logged By Christy Barry		Reviewed By: Gail Graff		Approved By: Scott Letzel						
Depth (feet)	Description	Graphic Log	SAMPLING						PID Reading (PPM)	Remarks		
			Sample Type	Sample Number	Blow Counts per 6 "	N Value	Sample Recovery	Penetro-meter (TSF)				
CORING						Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)	
1	ASPHALT FILL, gravel, white, dry		5' Macro	1					3.5/5.0		0.8	Sampled 2-3'
2	FILL, sand, clay, gravel, brown, moist, trace brick, trace cinders, some black staining		5' Macro	2					4.0/5.0		11.4	Sampled 9-10'
3			5' Macro	3					0.5/0.5		0.0	
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP33				
Ground Elevation 201.7 ft.		Coordinates N 5795.169 E 5286.88				Page 1 of 1				
Surface Conditions Asphalt				Total Depth 15						
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured			
GP	2"	15	0	3						
Drilling Company	Rock and Soil Drilling Corporation			Driller(s)	Lance McGill					
Drilling Rig	Track Mounted GeoProbe			Type of Sampler	5 foot Macro Sampler with 1.5" diameter acetate liner					
Date	6-20-02	To 6-20-02	Logged By	Christy Barry	Reviewed By:	Gail Graff	Approved By:	Scott Letzel		
Depth (feet)	Description	Graphic Log	SAMPLING						PbD Reading (PPM)	Remarks
			Sample Type	Sample Number	Blow Counts per 6 "	N Value	Sample Recovery	Penetrometer (TSF)		
		CORING						0.0	Sampled 2-3'	
		Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)			
		5' Macro	1			3.0/5.0				
1	FILL, cinders, gravel, some brick, reddish brown, moist									
2										
3										
4										
5										
6										
7	stained black, tar odor									
8	FILL clay with some gravel, some cinders, stained dark gray, moist, trace wood	5' Macro	2			4.0/5.0		91.0	Sampled 7-8'	
9										
10	becomes wet									
11										
12										
13										
14	SILTY CLAY (CL), moderate brown with gray mottling, moist, medium plasticity, trace fine gravel, trace fine sand	5' Macro	3			4.5/5.0		0.0		
15	EOB @ 15'									
16										

Drilling Log

Project Name Peoples Gas Hawthorne		Project No. 29168				Boring Number SP34						
Ground Elevation 201.6 ft.		Coordinates N 5814.349 E 5308.556				Page 1 of 1						
Surface Conditions Asphalt						Total Depth 15						
Drilling Type	Hole Size (I.D.)	Overburden Feet	Bedrock Feet	No. Of Samples	No. Core Boxes	Depth to Water	Date Measured					
GP	2"	15	0	3								
Drilling Company Rock and Soil Drilling Corporation				Driller(s) Lance McGill								
Drilling Rig Track Mounted GeoProbe				Type of Sampler 5 foot Macro Sampler with 1.5" diameter acetate liner								
Date 6-20-02	To 6-20-02	Logged By Christy Barry	Reviewed By: Gail Graff			Approved By: Scott Letzel						
Depth (feet)	Description	Graphic Log	SAMPLING					PID Reading (PPM)	Remarks			
			Sample Type	Sample Number	Blow Counts per 6"	N Value	Sample Recovery			Penetrometer (TSF)		
CORING					Core Size	Run Number	RQD (%)	Run Length (ft)	Run Recovery (ft)	Recovery (%)		
1	ASPHALT FILL, gravel, clay, some sand, some coal, brown, moist, trace brick		5' Macro	1				3.0/5.0			1.0	Sampled 1-2'
2			5' Macro	2				4.0/5.0	4.0	0.0		Sampled 6-7'
6	black staining, some wood, trace asphalt fragments, trace concrete fragments, slight petroleum-like odor		5' Macro	3				5.0/5.0	4.0	0.0		
8	SILTY CLAY (CL), moderate brown with gray mottling, hard, medium plasticity, trace fine gravel, trace fine sand, some black staining (8.5 to 9')											
15	EOB @ 15'											
16												

APPENDIX E
ANALYTICAL DATA AND DATA VALIDATION MEMORANDUM
HAWTHORNE REGULATOR STATION

BURNS & McDONNELL

Client: Peoples Gas
Site: Hawthorne Regulator Station
Project #: 29168
File No.: I.7
Title: Data Validation of Soil Samples
Collected from June 17 to June 20, 2002

Prepared By: Julie Kerstiens
Date: July 25, 2002
Checked By: Christy Barry
Date: July 26, 2002
Reviewed By: Joan Gonzalez
Date:

PURPOSE

The purpose of this document is to present the evaluation and validation of soil sampling analytical results.

VALIDATION CRITERIA

The evaluation and validation consisted of the following:

- Checked analytical holding times.
- Checked surrogate recoveries.
- Reviewed laboratory blank analyses.
- Reviewed laboratory control samples (LCS).
- Evaluated field matrix spike/matrix spike duplicate (MS/MSD) analyses.
- Reviewed laboratory annotations.

SAMPLING EFFORT

Soil samples were collected at the Peoples Gas Hawthorne Regulator Station in Chicago, Illinois from June 17 to June 20, 2002. Forty-two soil samples were taken from 22 probe locations during site investigation activities.

LABORATORY

Samples were analyzed and validated by STAT Analysis Corporation of Chicago, Illinois in accordance with United States Environmental Protection Agency (USEPA) Method SW846 analytical data reduction and validation guidelines.

CONCLUSIONS

Laboratory data have been reviewed and are acceptable for use with qualification. STAT Analysis Corporation performed laboratory validation and determined that all analytical results were usable.

Based on the provided information, Burns & McDonnell performed further evaluation and validation, determining that the overall quality of the analytical results was good. However due to minor analytical quality control problems, such as poor surrogate and matrix spike/matrix spike duplicate recoveries, some detected resultant values were flagged estimated "J" and non-detect results flagged estimated non-detect "UJ".

REFERENCES

The following reference documents were used:

- (1) Environmental Resource Associates, 2001. Laboratory Certification Analytical Sample Report for STAT Analysis Corporation, Chicago, Illinois.
- (2) United States Environmental Protection Agency (USEPA), 1994. *Contract Laboratory Program National Functional Guidelines for Organic Data Review*, February.
- (3) USEPA, 1994. *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, February.
- (4) USEPA, 1986. *Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods*, EPA Publication No. SW-846, [Third Edition (September 1986), as amended by Updates I (July 1992), II (September 1994), IIA (August 1993), IIB (January 1995), III (December 1996), IIIA (April 1998), Draft IVA (January 1998), and Draft IVB (November 2000)].
- (5) ASTM International, 1998. *Test Method D2216-98 Standard Test Method for Laboratory Determination of Water (Moisture Content of Soil and Rock by Mass)*, ASTM Book of Standards Volume: 0408. Soil and Rock (I): D 420-D 4914. West Conshohocken, PA.
- (6) ASTM International, 2000. *Test Method D2974-00 Standard Test Methods for Moisture, Ash and Organic Matter of Peat and Other Organic Soils*, ASTM Book of Standards Volume: 04.08. Soil and Rock (I): D 420 – D 4914. West Conshohocken, PA.

SAMPLE INFORMATION

Table 1 presents sample numbers and analyses requested. Table 2 lists the methods used to analyze the soil samples.

HOLDING TIME EVALUATION

Table 3 presents the analytical holding times that were used to evaluate and validate the extractions and analyses performed. All sample extractions and analyses were performed within the holding time criteria; therefore, no qualification was necessary.

SURROGATE RECOVERY EVALUATION

Surrogate recoveries were within the acceptable laboratory limits except for the following:

- VOC surrogate recoveries were below the acceptable limits for the undiluted analysis of samples HAS-SP24-001, HAS-SP27-001 and HAS-SP33-002. Therefore all undiluted, detected VOC results for these samples were qualified estimated “J” while undiluted, non-detect results were qualified estimated “UJ”.
- Sample HAS-SP16-002 had one VOC surrogate recovery above the acceptable limit and one VOC surrogate recovery below the acceptable limit for the undiluted analysis of sample HAS-SP16-002. Therefore all undiluted, detected VOC results for the sample were qualified estimated “J” while undiluted, non-detect results were qualified estimated “UJ”.

LABORATORY BLANK ANALYSIS EVALUATION

Laboratory blanks were prepared and run for this sampling event. Lead was detected in the laboratory blank associated with samples HAS-SP29-001 through HAS-SP34-002 at levels above the procedure quantitation limit (PQL). All samples contained concentrations at least five times greater than the detected laboratory blank concentration, so no qualification was required for these samples. All other laboratory blanks were either non-detect or detected below the PQL; therefore, no qualification was necessary.

LABORATORY CONTROL SAMPLES EVALUATION

Laboratory control samples (LCS) were prepared and run for this sampling event. All laboratory control samples were within acceptable limits for the samples analyzed; therefore, no qualification was necessary.

FIELD MATRIX SPIKE/MATRIX SPIKE DUPLICATE EVALUATION

Two field matrix spike/matrix spike duplicate (MS/MSD) samples were prepared and run for this sampling event: one MS/MSD was associated with the surface samples while the second MS/MSD was associated with subsurface samples. MS/MSD sample results have been conservatively used to qualify data. Any result for the MS/MSD samples requiring qualification has been applied to all soil samples in the corresponding primary samples.

In the MS/MSDs, some volatile organic compounds (VOCs) were outside the recovery limits. Because LCS recovery, surrogate recovery and laboratory blanks were generally within acceptable quantitation limits, no qualifications were necessary based on MS/MSD results.

MS/MSD results for metal analytes were used as follows to qualify data:

- For surface samples, MS/MSD percentage recoveries were below the lower acceptance limit for copper and nickel; therefore, resultant detected values for these samples were qualified estimated “J” and non-detect values estimated non-detect “UJ”.
- For surface samples, MS/MSD percentage recoveries were above the upper acceptance limit for lead; therefore, resultant detected values for lead for these samples were qualified estimated “J”. Non-detect values were not qualified.
- For subsurface samples, MS/MSD percentage recoveries were below the lower acceptance limit for zinc and copper; therefore, resultant detected values for these samples were qualified estimated “J” and non-detect values estimated non-detect “UJ”.
- The MS/MSD percentage recoveries for antimony for surface and subsurface samples were less than the lower quantification limit and less than 30%. USEPA method limitations exist for antimony (Environmental Resource Associates 2001). Since the MS/MSD sample recovery was greater than the detection limit and the LCS recoveries were acceptable for all surface and subsurface soil samples, the non-detect antimony results were qualified estimated non-detect “UJ.” Detected antimony results were qualified estimated “J.”

Cyanide MS/MSD results were all within the acceptable quantification limits; therefore, no qualification was necessary.

LABORATORY ANNOTATION REVIEW

A review of the STAT Analysis Corporation laboratory annotation indicates that the overall quality of the analytical results is acceptable.

Table 1
List of Sample Numbers and Analyses

Sample Number	Analyses
SP13-001	Target Compound List (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs), polynuclear aromatic compounds (PAHs), polychlorinated biphenyls (PCBs), Priority Pollutant metals and total cyanide.
SP13-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP14A-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP14B-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP16-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP16-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP16-301	Grain size, pH, moisture content and total organic carbon (TOC).
SP17-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP18-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals, total cyanide, TCLP lead and SPLP lead.
SP18-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP19-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals, total cyanide, TOC, pH and moisture content.
SP19-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.

Table 1
List of Sample Numbers and Analyses

Sample Number	Analyses
SP20-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP20-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP20-003	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP21B-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP22B-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP22B-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP23-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP23-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP24-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals, total cyanide, TCLP lead and SPLP lead.
SP25-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP25-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP26-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP26-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP27-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP27-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.

Table 1
List of Sample Numbers and Analyses

Sample Number	Analyses
SP28-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP28-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP29-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP29-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP30-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP30-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP30-003	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP31-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP31-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP32-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP32-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP33-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals, total cyanide, TCLP lead and SPLP lead.
SP33-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP34-001	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals and total cyanide.
SP34-002	TCL VOCs, TCL SVOCs, PAHs, PCBs, Priority Pollutant metals, total cyanide, TCLP lead and SPLP lead.

Table 2
Analytical Methods

Parameter	Analytical Method
TCL SVOCs	8270C ²
PAHs	8270(SIM) ²
Priority Pollutant metals, TCLP Lead, SPLP Lead	6020 ²
Mercury	7471A ²
Total cyanide	9012A ²
TCL VOCs ¹	8260B ²
PCBs	8082 ²
TOC	D2974 ³
Moisture content	D2216 ³
pH	9045C ²

Notes:

- (1) Sampled using Method 5035.
- (2) U.S. EPA 1986
- (3) ASTM 2001

Table 3
Analytical Holding Times

Analyses	Holding Time From Sample Collection⁽¹⁾
TCL SVOCs, PAHs, PCBs	14 days pre-extraction, 40 days post-extraction
TCLP Lead, SPLP Lead	180 days pre-extraction, 180 days post-extraction
Priority Pollutant Metals	6 months
Mercury	28 days
Total cyanide	14 days
TCL VOCs	14 days
TOC, moisture content	--
pH	--

Note: (1) U.S. EPA 1986.

STAT Analysis Corporation

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e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

July 24, 2002

Margaret Kelley
Burns & McDonnell
2601 W. 22nd Street
OakBrook, IL 60523-1229
Telephone: (630) 990-0300
Fax: (630) 990-0301

RE: 29168, Hawthorne Parcel 2

STAT Project No: 0207119

Dear Margaret Kelley:

STAT Analysis received 5 samples for the referenced project on 6/18/2002. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except where noted in the Case Narrative.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla

Project Manager

Client: Burns & McDonnell
Project: 29168, Hawthorne Parcel 2
Lab Order: 0207119

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0207119-001A	HAS SP13 001	2'-3'	6/18/2002 3:05:00 PM	6/18/2002
0207119-001B	HAS SP13 001	2'-3'	6/18/2002 3:05:00 PM	6/18/2002
0207119-002A	HAS SP13 002	10'-11'	6/18/2002 3:20:00 PM	6/18/2002
0207119-002B	HAS SP13 002	10'-11'	6/18/2002 3:20:00 PM	6/18/2002
0207119-003A	HAS SP14A 001	2'-3'	6/18/2002 3:45:00 PM	6/18/2002
0207119-003B	HAS SP14A 001	2'-3'	6/18/2002 3:45:00 PM	6/18/2002
0207119-004A	HAS SP14B 001	6.5'-7.5'	6/18/2002 4:05:00 PM	6/18/2002
0207119-004B	HAS SP14B 001	6.5'-7.5'	6/18/2002 4:05:00 PM	6/18/2002
0207119-005A	HAS SP16 001	3'-4'	6/18/2002 4:40:00 PM	6/18/2002
0207119-005B	HAS SP16 001	3'-4'	6/18/2002 4:40:00 PM	6/18/2002

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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com

Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-001

Client Sample ID: HAS SP13 001

Collection Date: 6/18/2002 3:05:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.091		mg/Kg-dry	1	6/29/2002
Aroclor 1221	ND	0.091		mg/Kg-dry	1	6/29/2002
Aroclor 1232	ND	0.091		mg/Kg-dry	1	6/29/2002
Aroclor 1242	ND	0.091		mg/Kg-dry	1	6/29/2002
Aroclor 1248	ND	0.091		mg/Kg-dry	1	6/29/2002
Aroclor 1254	ND	0.18		mg/Kg-dry	1	6/29/2002
Aroclor 1260	ND	0.18		mg/Kg-dry	1	6/29/2002
Mercury	SW7471A					
Mercury	0.41	0.028		mg/Kg-dry	1	6/24/2002
Metals by ICP/MS	SW6020					
Antimony	ND	1.1		mg/Kg-dry	10	6/28/2002
Arsenic	8.7	0.57		mg/Kg-dry	10	6/28/2002
Beryllium	0.94	0.57		mg/Kg-dry	10	6/28/2002
Cadmium	0.62	0.57		mg/Kg-dry	10	6/28/2002
Chromium	16	1.1		mg/Kg-dry	10	6/28/2002
Copper	31	1.1		mg/Kg-dry	10	6/28/2002
Lead	110	0.57		mg/Kg-dry	10	6/28/2002
Nickel	22	1.1		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.1		mg/Kg-dry	10	6/28/2002
Silver	ND	1.1		mg/Kg-dry	10	6/28/2002
Thallium	1.4	1.1		mg/Kg-dry	10	6/28/2002
Zinc	120	5.7		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	0.22	0.029		mg/Kg-dry	1	6/30/2002
Acenaphthylene	0.041	0.029		mg/Kg-dry	1	6/30/2002
Anthracene	1.5	0.29		mg/Kg-dry	10	6/29/2002
Benz(a)anthracene	1.3	0.29		mg/Kg-dry	10	6/29/2002
Benzo(b)fluoranthene	1.3	0.29		mg/Kg-dry	10	6/29/2002
Benzo(k)fluoranthene	0.92	0.29		mg/Kg-dry	10	6/29/2002
Benzo(g,h,i)perylene	0.72	0.29		mg/Kg-dry	10	6/29/2002
Benzo(a)pyrene	1.3	0.29		mg/Kg-dry	10	6/29/2002
Chrysene	1.4	0.29		mg/Kg-dry	10	6/29/2002
Dibenz(a,h)anthracene	0.16	0.029		mg/Kg-dry	1	6/30/2002
Fluoranthene	2.5	0.29		mg/Kg-dry	10	6/29/2002
Fluorene	0.15	0.029		mg/Kg-dry	1	6/30/2002
Indeno(1,2,3-cd)pyrene	0.7	0.29		mg/Kg-dry	10	6/29/2002
Naphthalene	0.074	0.029		mg/Kg-dry	1	6/30/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value; poor MS/MSD recovery. JAK
V = non-detect. JAK

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-001

Client Sample ID: HAS SP13 001**Collection Date:** 6/18/2002 3:05:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons			SW8270(SIM)			
Phenanthrene	1.4	0.29		mg/Kg-dry	10	6/29/2002
Pyrene	2.3	0.29		mg/Kg-dry	10	6/29/2002
Semivolatile Organic Compounds by GC/MS			SW8270C			
Bis(2-chloroethoxy)methane	ND	0.38		mg/Kg-dry	1	6/29/2002
Bis(2-chloroethyl)ether	ND	0.38		mg/Kg-dry	1	6/29/2002
Bis(2-ethylhexyl)phthalate	ND	0.38		mg/Kg-dry	1	6/29/2002
4-Bromophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	6/29/2002
Butyl benzyl phthalate	ND	0.38		mg/Kg-dry	1	6/29/2002
Carbazole	0.41	0.38		mg/Kg-dry	1	6/29/2002
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	6/29/2002
4-Chloroaniline	ND	0.38		mg/Kg-dry	1	6/29/2002
2-Chloronaphthalene	ND	0.38		mg/Kg-dry	1	6/29/2002
2-Chlorophenol	ND	0.38		mg/Kg-dry	1	6/29/2002
4-Chlorophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	6/29/2002
Dibenzofuran	ND	0.38		mg/Kg-dry	1	6/29/2002
1,2-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	6/29/2002
1,3-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	6/29/2002
1,4-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	6/29/2002
3,3'-Dichlorobenzidine	ND	0.76		mg/Kg-dry	1	6/29/2002
2,4-Dichlorophenol	ND	0.38		mg/Kg-dry	1	6/29/2002
Diethyl phthalate	ND	0.38		mg/Kg-dry	1	6/29/2002
Dimethyl phthalate	ND	0.38		mg/Kg-dry	1	6/29/2002
Di-n-butyl phthalate	ND	0.38		mg/Kg-dry	1	6/29/2002
2,4-Dimethylphenol	ND	0.38		mg/Kg-dry	1	6/29/2002
4,6-Dinitro-2-methylphenol	ND	1.8		mg/Kg-dry	1	6/29/2002
2,4-Dinitrophenol	ND	1.8		mg/Kg-dry	1	6/29/2002
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/29/2002
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/29/2002
Di-n-octyl phthalate	ND	0.38		mg/Kg-dry	1	6/29/2002
Hexachlorobenzene	ND	0.38		mg/Kg-dry	1	6/29/2002
Hexachlorobutadiene	ND	0.38		mg/Kg-dry	1	6/29/2002
Hexachlorocyclopentadiene	ND	0.38		mg/Kg-dry	1	6/29/2002
Hexachloroethane	ND	0.38		mg/Kg-dry	1	6/29/2002
Isophorone	ND	0.38		mg/Kg-dry	1	6/29/2002
2-Methylnaphthalene	ND	0.38		mg/Kg-dry	1	6/29/2002
2-Methylphenol	ND	0.38		mg/Kg-dry	1	6/29/2002
4-Methylphenol	ND	0.38		mg/Kg-dry	1	6/29/2002
2-Nitroaniline	ND	1.8		mg/Kg-dry	1	6/29/2002

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

STAT Analysis Corporation

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-001

Client Sample ID: HAS SP13 001

Collection Date: 6/18/2002 3:05:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C					
3-Nitroaniline	ND	1.8		mg/Kg-dry	1	6/29/2002
4-Nitroaniline	ND	1.8		mg/Kg-dry	1	6/29/2002
Nitrobenzene	ND	0.38		mg/Kg-dry	1	6/29/2002
2-Nitrophenol	ND	1.8		mg/Kg-dry	1	6/29/2002
4-Nitrophenol	ND	1.8		mg/Kg-dry	1	6/29/2002
N-Nitrosodi-n-propylamine	ND	0.38		mg/Kg-dry	1	6/29/2002
N-Nitrosodiphenylamine	ND	0.38		mg/Kg-dry	1	6/29/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.38		mg/Kg-dry	1	6/29/2002
Pentachlorophenol	ND	1.8		mg/Kg-dry	1	6/29/2002
Phenol	ND	0.38		mg/Kg-dry	1	6/29/2002
1,2,4-Trichlorobenzene	ND	0.38		mg/Kg-dry	1	6/29/2002
2,4,5-Trichlorophenol	ND	0.76		mg/Kg-dry	1	6/29/2002
2,4,6-Trichlorophenol	ND	0.38		mg/Kg-dry	1	6/29/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Acetone	ND	0.029		mg/Kg-dry	1	6/27/2002
Benzene	ND	0.0059		mg/Kg-dry	1	6/27/2002
Bromodichloromethane	ND	0.0059		mg/Kg-dry	1	6/27/2002
Bromoform	ND	0.0059		mg/Kg-dry	1	6/27/2002
Bromomethane	ND	0.012		mg/Kg-dry	1	6/27/2002
2-Butanone	ND	0.012		mg/Kg-dry	1	6/27/2002
Carbon disulfide	ND	0.0059		mg/Kg-dry	1	6/27/2002
Carbon tetrachloride	ND	0.0059		mg/Kg-dry	1	6/27/2002
Chlorobenzene	ND	0.0059		mg/Kg-dry	1	6/27/2002
Chloroethane	ND	0.012		mg/Kg-dry	1	6/27/2002
Chloroform	ND	0.0059		mg/Kg-dry	1	6/27/2002
Chloromethane	ND	0.0059		mg/Kg-dry	1	6/27/2002
Dibromochloromethane	ND	0.0059		mg/Kg-dry	1	6/27/2002
1,1-Dichloroethane	ND	0.0059		mg/Kg-dry	1	6/27/2002
1,2-Dichloroethane	ND	0.0059		mg/Kg-dry	1	6/27/2002
1,1-Dichloroethene	ND	0.0059		mg/Kg-dry	1	6/27/2002
cis-1,2-Dichloroethene	ND	0.0059		mg/Kg-dry	1	6/27/2002
trans-1,2-Dichloroethene	ND	0.0059		mg/Kg-dry	1	6/27/2002
1,2-Dichloropropane	ND	0.0059		mg/Kg-dry	1	6/27/2002
cis-1,3-Dichloropropene	ND	0.0059		mg/Kg-dry	1	6/27/2002
trans-1,3-Dichloropropene	ND	0.0059		mg/Kg-dry	1	6/27/2002
Ethylbenzene	ND	0.0059		mg/Kg-dry	1	6/27/2002
2-Hexanone	ND	0.012		mg/Kg-dry	1	6/27/2002
4-Methyl-2-pentanone	ND	0.012		mg/Kg-dry	1	6/27/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-001

Client Sample ID: HAS SP13 001**Collection Date:** 6/18/2002 3:05:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/19/2002		Analyst: PS
Methylene chloride	ND	0.012		mg/Kg-dry	1	6/27/2002
Styrene	ND	0.0059		mg/Kg-dry	1	6/27/2002
1,1,2,2-Tetrachloroethane	ND	0.0059		mg/Kg-dry	1	6/27/2002
Tetrachloroethene	ND	0.0059		mg/Kg-dry	1	6/27/2002
Toluene	ND	0.0059		mg/Kg-dry	1	6/27/2002
1,1,1-Trichloroethane	ND	0.0059		mg/Kg-dry	1	6/27/2002
1,1,2-Trichloroethane	ND	0.0059		mg/Kg-dry	1	6/27/2002
Trichloroethene	ND	0.0059		mg/Kg-dry	1	6/27/2002
Vinyl chloride	ND	0.0059		mg/Kg-dry	1	6/27/2002
m,p-Xylene	ND	0.0059		mg/Kg-dry	1	6/27/2002
o-Xylene	ND	0.0059		mg/Kg-dry	1	6/27/2002
Cyanide, Total	SW9012A			Prep Date: 6/21/2002		Analyst: YZ
Cyanide	ND	0.29		mg/Kg-dry	1	6/26/2002
Percent Moisture	D2216			Prep Date: 6/26/2002		Analyst: PMS
Percent Moisture	14.14	0.01		wt%	1	6/26/2002

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
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 * - Value exceeds Maximum Contaminant Level

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 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-002

Client Sample ID: HAS SP13 002
Collection Date: 6/18/2002 3:20:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.096		mg/Kg-dry	1	6/29/2002
Aroclor 1221	ND	0.096		mg/Kg-dry	1	6/29/2002
Aroclor 1232	ND	0.096		mg/Kg-dry	1	6/29/2002
Aroclor 1242	ND	0.096		mg/Kg-dry	1	6/29/2002
Aroclor 1248	ND	0.096		mg/Kg-dry	1	6/29/2002
Aroclor 1254	ND	0.19		mg/Kg-dry	1	6/29/2002
Aroclor 1260	ND	0.19		mg/Kg-dry	1	6/29/2002
Mercury	SW7471A					
Mercury	0.034	0.029		mg/Kg-dry	1	6/24/2002
Metals by ICP/MS	SW6020					
Antimony	ND	1.2		mg/Kg-dry	10	6/28/2002
Arsenic	7.4	0.6		mg/Kg-dry	10	6/28/2002
Beryllium	ND	0.6		mg/Kg-dry	10	6/28/2002
Cadmium	ND	0.6		mg/Kg-dry	10	6/28/2002
Chromium	13	1.2		mg/Kg-dry	10	6/28/2002
Copper	17	1.2		mg/Kg-dry	10	6/28/2002
Lead	15	0.6		mg/Kg-dry	10	6/28/2002
Nickel	20	1.2		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.2		mg/Kg-dry	10	6/28/2002
Silver	ND	1.2		mg/Kg-dry	10	6/28/2002
Thallium	1.3	1.2		mg/Kg-dry	10	6/28/2002
Zinc	35	6		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	ND	0.03		mg/Kg-dry	1	6/29/2002
Acenaphthylene	ND	0.03		mg/Kg-dry	1	6/29/2002
Anthracene	ND	0.03		mg/Kg-dry	1	6/29/2002
Benz(a)anthracene	ND	0.03		mg/Kg-dry	1	6/29/2002
Benzo(b)fluoranthene	ND	0.03		mg/Kg-dry	1	6/29/2002
Benzo(k)fluoranthene	ND	0.03		mg/Kg-dry	1	6/29/2002
Benzo(g,h,i)perylene	ND	0.03		mg/Kg-dry	1	6/29/2002
Benzo(a)pyrene	ND	0.03		mg/Kg-dry	1	6/29/2002
Chrysene	ND	0.03		mg/Kg-dry	1	6/29/2002
Dibenz(a,h)anthracene	ND	0.03		mg/Kg-dry	1	6/29/2002
Fluoranthene	0.061	0.03		mg/Kg-dry	1	6/29/2002
Fluorene	ND	0.03		mg/Kg-dry	1	6/29/2002
Indeno(1,2,3-cd)pyrene	ND	0.03		mg/Kg-dry	1	6/29/2002
Naphthalene	ND	0.03		mg/Kg-dry	1	6/29/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value; poor MS/MSD recovery. JAK

U = non-detect. JAK

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-002

Client Sample ID: HAS SP13 002**Collection Date:** 6/18/2002 3:20:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	ND	0.03		mg/Kg-dry	1	6/29/2002
Pyrene	0.08	0.03		mg/Kg-dry	1	6/29/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.39		mg/Kg-dry	1	6/29/2002
Bis(2-chloroethyl)ether	ND	0.39		mg/Kg-dry	1	6/29/2002
Bis(2-ethylhexyl)phthalate	ND	0.39		mg/Kg-dry	1	6/29/2002
4-Bromophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	6/29/2002
Butyl benzyl phthalate	ND	0.39		mg/Kg-dry	1	6/29/2002
Carbazole	ND	0.39		mg/Kg-dry	1	6/29/2002
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	6/29/2002
4-Chloroaniline	ND	0.39		mg/Kg-dry	1	6/29/2002
2-Chloronaphthalene	ND	0.39		mg/Kg-dry	1	6/29/2002
2-Chlorophenol	ND	0.39		mg/Kg-dry	1	6/29/2002
4-Chlorophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	6/29/2002
Dibenzofuran	ND	0.39		mg/Kg-dry	1	6/29/2002
1,2-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/29/2002
1,3-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/29/2002
1,4-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/29/2002
3,3'-Dichlorobenzidine	ND	0.78		mg/Kg-dry	1	6/29/2002
2,4-Dichlorophenol	ND	0.39		mg/Kg-dry	1	6/29/2002
Diethyl phthalate	ND	0.39		mg/Kg-dry	1	6/29/2002
Dimethyl phthalate	ND	0.39		mg/Kg-dry	1	6/29/2002
Di-n-butyl phthalate	ND	0.39		mg/Kg-dry	1	6/29/2002
2,4-Dimethylphenol	ND	0.39		mg/Kg-dry	1	6/29/2002
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	6/29/2002
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	6/29/2002
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	6/29/2002
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	6/29/2002
Di-n-octyl phthalate	ND	0.39		mg/Kg-dry	1	6/29/2002
Hexachlorobenzene	ND	0.39		mg/Kg-dry	1	6/29/2002
Hexachlorobutadiene	ND	0.39		mg/Kg-dry	1	6/29/2002
Hexachlorocyclopentadiene	ND	0.39		mg/Kg-dry	1	6/29/2002
Hexachloroethane	ND	0.39		mg/Kg-dry	1	6/29/2002
Isophorone	ND	0.39		mg/Kg-dry	1	6/29/2002
2-Methylnaphthalene	ND	0.39		mg/Kg-dry	1	6/29/2002
2-Methylphenol	ND	0.39		mg/Kg-dry	1	6/29/2002
4-Methylphenol	ND	0.39		mg/Kg-dry	1	6/29/2002
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/29/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-002

Client Sample ID: HAS SP13 002
Collection Date: 6/18/2002 3:20:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/27/2002		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/29/2002
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/29/2002
Nitrobenzene	ND	0.39		mg/Kg-dry	1	6/29/2002
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/29/2002
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/29/2002
N-Nitrosodi-n-propylamine	ND	0.39		mg/Kg-dry	1	6/29/2002
N-Nitrosodiphenylamine	ND	0.39		mg/Kg-dry	1	6/29/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.39		mg/Kg-dry	1	6/29/2002
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	6/29/2002
Phenol	ND	0.39		mg/Kg-dry	1	6/29/2002
1,2,4-Trichlorobenzene	ND	0.39		mg/Kg-dry	1	6/29/2002
2,4,5-Trichlorophenol	ND	0.78		mg/Kg-dry	1	6/29/2002
2,4,6-Trichlorophenol	ND	0.39		mg/Kg-dry	1	6/29/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/19/2002		Analyst: PS
Acetone	ND	0.046		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.0091		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.0091		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.0091		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.018		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.018		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.0091		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.0091		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.0091		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.018		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.0091		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.0091		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.0091		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.0091		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.0091		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.0091		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.0091		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.0091		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.0091		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.0091		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.0091		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.0091		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.018		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit
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 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell

Client Sample ID: HAS SP13 002

Lab Order: 0207119

Collection Date: 6/18/2002 3:20:00 PM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0207119-002

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/19/2002		Analyst: PS
Methylene chloride	ND	0.018		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.0091		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.0091		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.0091		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.0091		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	ND	0.0091		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.0091		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.0091		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.0091		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.0091		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.0091		mg/Kg-dry	1	6/28/2002
Cyanide, Total	SW9012A			Prep Date: 6/21/2002		Analyst: YZ
Cyanide	ND	0.31		mg/Kg-dry	1	6/26/2002
Percent Moisture	D2216			Prep Date: 6/26/2002		Analyst: PMS
Percent Moisture	18.07	0.01		wt%	1	6/26/2002

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-003

Client Sample ID: HAS SP14A 001

Collection Date: 6/18/2002 3:45:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.09		mg/Kg-dry	1	6/29/2002
Aroclor 1221	ND	0.09		mg/Kg-dry	1	6/29/2002
Aroclor 1232	ND	0.09		mg/Kg-dry	1	6/29/2002
Aroclor 1242	ND	0.09		mg/Kg-dry	1	6/29/2002
Aroclor 1248	ND	0.09		mg/Kg-dry	1	6/29/2002
Aroclor 1254	ND	0.18		mg/Kg-dry	1	6/29/2002
Aroclor 1260	ND	0.18		mg/Kg-dry	1	6/29/2002
Mercury	SW7471A					
Mercury	0.16	0.029		mg/Kg-dry	1	6/24/2002
Metals by ICP/MS	SW6020					
Antimony	1.2	1.2		mg/Kg-dry	10	6/28/2002
Arsenic	8.1	0.58		mg/Kg-dry	10	6/28/2002
Beryllium	0.81	0.58		mg/Kg-dry	10	6/28/2002
Cadmium	0.65	0.58		mg/Kg-dry	10	6/28/2002
Chromium	14	1.2		mg/Kg-dry	10	6/28/2002
Copper	29	1.2		mg/Kg-dry	10	6/28/2002
Lead	94	0.58		mg/Kg-dry	10	6/28/2002
Nickel	20	1.2		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.2		mg/Kg-dry	10	6/28/2002
Silver	ND	1.2		mg/Kg-dry	10	6/28/2002
Thallium	1.3	1.2		mg/Kg-dry	10	6/28/2002
Zinc	110	5.8		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	0.031	0.029		mg/Kg-dry	1	6/29/2002
Acenaphthylene	ND	0.029		mg/Kg-dry	1	6/29/2002
Anthracene	0.17	0.029		mg/Kg-dry	1	6/29/2002
Benz(a)anthracene	0.49	0.29		mg/Kg-dry	10	6/29/2002
Benzo(b)fluoranthene	0.37	0.29		mg/Kg-dry	10	6/29/2002
Benzo(k)fluoranthene	0.42	0.29		mg/Kg-dry	10	6/29/2002
Benzo(g,h,i)perylene	0.096	0.029		mg/Kg-dry	1	6/29/2002
Benzo(a)pyrene	0.42	0.29		mg/Kg-dry	10	6/29/2002
Chrysene	0.52	0.29		mg/Kg-dry	10	6/29/2002
Dibenz(a,h)anthracene	0.045	0.029		mg/Kg-dry	1	6/29/2002
Fluoranthene	0.84	0.29		mg/Kg-dry	10	6/29/2002
Fluorene	0.036	0.029		mg/Kg-dry	1	6/29/2002
Indeno(1,2,3-cd)pyrene	0.096	0.029		mg/Kg-dry	1	6/29/2002
Naphthalene	0.56	0.29		mg/Kg-dry	10	6/29/2002

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J = Estimated value; poor MS/MSD recovery. JAK

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-003

Client Sample ID: HAS SP14A 001

Collection Date: 6/18/2002 3:45:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	0.77	0.29		mg/Kg-dry	10	6/29/2002
Pyrene	0.88	0.29		mg/Kg-dry	10	6/29/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.38		mg/Kg-dry	1	6/30/2002
Bis(2-chloroethyl)ether	ND	0.38		mg/Kg-dry	1	6/30/2002
Bis(2-ethylhexyl)phthalate	ND	0.38		mg/Kg-dry	1	6/30/2002
4-Bromophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	6/30/2002
Butyl benzyl phthalate	ND	0.38		mg/Kg-dry	1	6/30/2002
Carbazole	ND	0.38		mg/Kg-dry	1	6/30/2002
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	6/30/2002
4-Chloroaniline	ND	0.38		mg/Kg-dry	1	6/30/2002
2-Chloronaphthalene	ND	0.38		mg/Kg-dry	1	6/30/2002
2-Chlorophenol	ND	0.38		mg/Kg-dry	1	6/30/2002
4-Chlorophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	6/30/2002
Dibenzofuran	ND	0.38		mg/Kg-dry	1	6/30/2002
1,2-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	6/30/2002
1,3-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	6/30/2002
1,4-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	6/30/2002
3,3'-Dichlorobenzidine	ND	0.76		mg/Kg-dry	1	6/30/2002
2,4-Dichlorophenol	ND	0.38		mg/Kg-dry	1	6/30/2002
Diethyl phthalate	ND	0.38		mg/Kg-dry	1	6/30/2002
Dimethyl phthalate	ND	0.38		mg/Kg-dry	1	6/30/2002
Di-n-butyl phthalate	ND	0.38		mg/Kg-dry	1	6/30/2002
2,4-Dimethylphenol	ND	0.38		mg/Kg-dry	1	6/30/2002
4,6-Dinitro-2-methylphenol	ND	1.8		mg/Kg-dry	1	6/30/2002
2,4-Dinitrophenol	ND	1.8		mg/Kg-dry	1	6/30/2002
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/30/2002
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/30/2002
Di-n-octyl phthalate	ND	0.38		mg/Kg-dry	1	6/30/2002
Hexachlorobenzene	ND	0.38		mg/Kg-dry	1	6/30/2002
Hexachlorobutadiene	ND	0.38		mg/Kg-dry	1	6/30/2002
Hexachlorocyclopentadiene	ND	0.38		mg/Kg-dry	1	6/30/2002
Hexachloroethane	ND	0.38		mg/Kg-dry	1	6/30/2002
Isophorone	ND	0.38		mg/Kg-dry	1	6/30/2002
2-Methylnaphthalene	1.2	0.38		mg/Kg-dry	1	6/30/2002
2-Methylphenol	ND	0.38		mg/Kg-dry	1	6/30/2002
4-Methylphenol	ND	0.38		mg/Kg-dry	1	6/30/2002
2-Nitroaniline	ND	1.8		mg/Kg-dry	1	6/30/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-003

Client Sample ID: HAS SP14A 001**Collection Date:** 6/18/2002 3:45:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C			Prep Date: 6/27/2002		Analyst: JF
3-Nitroaniline	ND	1.8		mg/Kg-dry	1	6/30/2002
4-Nitroaniline	ND	1.8		mg/Kg-dry	1	6/30/2002
Nitrobenzene	ND	0.38		mg/Kg-dry	1	6/30/2002
2-Nitrophenol	ND	1.8		mg/Kg-dry	1	6/30/2002
4-Nitrophenol	ND	1.8		mg/Kg-dry	1	6/30/2002
N-Nitrosodi-n-propylamine	ND	0.38		mg/Kg-dry	1	6/30/2002
N-Nitrosodiphenylamine	ND	0.38		mg/Kg-dry	1	6/30/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.38		mg/Kg-dry	1	6/30/2002
Pentachlorophenol	ND	1.8		mg/Kg-dry	1	6/30/2002
Phenol	ND	0.38		mg/Kg-dry	1	6/30/2002
1,2,4-Trichlorobenzene	ND	0.38		mg/Kg-dry	1	6/30/2002
2,4,5-Trichlorophenol	ND	0.76		mg/Kg-dry	1	6/30/2002
2,4,6-Trichlorophenol	ND	0.38		mg/Kg-dry	1	6/30/2002
Volatile Organic Compounds by GC/MS						
	SW5035/8260B			Prep Date: 6/19/2002		Analyst: PS
Acetone	ND	0.042		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.0084		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.0084		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.0084		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.017		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.017		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.0084		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.0084		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.0084		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.017		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.0084		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.0084		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.0084		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.0084		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.0084		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.0084		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.0084		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.0084		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.0084		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.0084		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.0084		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.0084		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.017		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-003

Client Sample ID: HAS SP14A 001**Collection Date:** 6/18/2002 3:45:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS			SW5035/8260B			
Methylene chloride	ND	0.017		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.0084		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.0084		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.0084		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.0084		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	ND	0.0084		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.0084		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.0084		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.0084		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.0084		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.0084		mg/Kg-dry	1	6/28/2002
Cyanide, Total			SW9012A			Analyst: YZ
Cyanide	ND	0.29		mg/Kg-dry	1	6/26/2002
Percent Moisture			D2216			Analyst: PMS
Percent Moisture	14.15	0.01		wt%	1	6/26/2002

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-004

Client Sample ID: HAS SP14B 001

Collection Date: 6/18/2002 4:05:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.11		mg/Kg-dry	1	6/29/2002
Aroclor 1221	ND	0.11		mg/Kg-dry	1	6/29/2002
Aroclor 1232	ND	0.11		mg/Kg-dry	1	6/29/2002
Aroclor 1242	ND	0.11		mg/Kg-dry	1	6/29/2002
Aroclor 1248	ND	0.11		mg/Kg-dry	1	6/29/2002
Aroclor 1254	ND	0.21		mg/Kg-dry	1	6/29/2002
Aroclor 1260	ND	0.21		mg/Kg-dry	1	6/29/2002
Mercury	SW7471A					
Mercury	0.19	0.033		mg/Kg-dry	1	6/24/2002
Metals by ICP/MS	SW6020					
Antimony	ND	1.3		mg/Kg-dry	10	6/28/2002
Arsenic	12	0.66		mg/Kg-dry	10	6/28/2002
Beryllium	0.91	0.66		mg/Kg-dry	10	6/28/2002
Cadmium	ND	0.66		mg/Kg-dry	10	6/28/2002
Chromium	18	1.3		mg/Kg-dry	10	6/28/2002
Copper	35	1.3		mg/Kg-dry	10	6/28/2002
Lead	83	0.66		mg/Kg-dry	10	6/28/2002
Nickel	26	1.3		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.3		mg/Kg-dry	10	6/28/2002
Silver	ND	1.3		mg/Kg-dry	10	6/28/2002
Thallium	1.8	1.3		mg/Kg-dry	10	6/28/2002
Zinc	91	6.6		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	ND	0.034		mg/Kg-dry	1	6/29/2002
Acenaphthylene	ND	0.034		mg/Kg-dry	1	6/29/2002
Anthracene	ND	0.034		mg/Kg-dry	1	6/29/2002
Benz(a)anthracene	0.082	0.034		mg/Kg-dry	1	6/29/2002
Benzo(b)fluoranthene	0.1	0.034		mg/Kg-dry	1	6/29/2002
Benzo(k)fluoranthene	0.081	0.034		mg/Kg-dry	1	6/29/2002
Benzo(g,h,i)perylene	0.04	0.034		mg/Kg-dry	1	6/29/2002
Benzo(a)pyrene	0.096	0.034		mg/Kg-dry	1	6/29/2002
Chrysene	0.088	0.034		mg/Kg-dry	1	6/29/2002
Dibenz(a,h)anthracene	ND	0.034		mg/Kg-dry	1	6/29/2002
Fluoranthene	0.07	0.034		mg/Kg-dry	1	6/29/2002
Fluorene	ND	0.034		mg/Kg-dry	1	6/29/2002
Indeno(1,2,3-cd)pyrene	0.04	0.034		mg/Kg-dry	1	6/29/2002
Naphthalene	ND	0.034		mg/Kg-dry	1	6/29/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value; poor MS/MSD recovery. JAK
U = non-detect. JAK

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-004

Client Sample ID: HAS SP14B 001**Collection Date:** 6/18/2002 4:05:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	0.11	0.034		mg/Kg-dry	1	6/29/2002
Pyrene	0.13	0.034		mg/Kg-dry	1	6/29/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.45		mg/Kg-dry	1	6/29/2002
Bis(2-chloroethyl)ether	ND	0.45		mg/Kg-dry	1	6/29/2002
Bis(2-ethylhexyl)phthalate	ND	0.45		mg/Kg-dry	1	6/29/2002
4-Bromophenyl phenyl ether	ND	0.45		mg/Kg-dry	1	6/29/2002
Butyl benzyl phthalate	ND	0.45		mg/Kg-dry	1	6/29/2002
Carbazole	ND	0.45		mg/Kg-dry	1	6/29/2002
4-Chloro-3-methylphenol	ND	0.45		mg/Kg-dry	1	6/29/2002
4-Chloroaniline	ND	0.45		mg/Kg-dry	1	6/29/2002
2-Chloronaphthalene	ND	0.45		mg/Kg-dry	1	6/29/2002
2-Chlorophenol	ND	0.45		mg/Kg-dry	1	6/29/2002
4-Chlorophenyl phenyl ether	ND	0.45		mg/Kg-dry	1	6/29/2002
Dibenzofuran	ND	0.45		mg/Kg-dry	1	6/29/2002
1,2-Dichlorobenzene	ND	0.45		mg/Kg-dry	1	6/29/2002
1,3-Dichlorobenzene	ND	0.45		mg/Kg-dry	1	6/29/2002
1,4-Dichlorobenzene	ND	0.45		mg/Kg-dry	1	6/29/2002
3,3'-Dichlorobenzidine	ND	0.9		mg/Kg-dry	1	6/29/2002
2,4-Dichlorophenol	ND	0.45		mg/Kg-dry	1	6/29/2002
Diethyl phthalate	ND	0.45		mg/Kg-dry	1	6/29/2002
Dimethyl phthalate	ND	0.45		mg/Kg-dry	1	6/29/2002
Di-n-butyl phthalate	ND	0.45		mg/Kg-dry	1	6/29/2002
2,4-Dimethylphenol	ND	0.45		mg/Kg-dry	1	6/29/2002
4,6-Dinitro-2-methylphenol	ND	2.2		mg/Kg-dry	1	6/29/2002
2,4-Dinitrophenol	ND	2.2		mg/Kg-dry	1	6/29/2002
2,4-Dinitrotoluene	ND	0.34		mg/Kg-dry	1	6/29/2002
2,6-Dinitrotoluene	ND	0.34		mg/Kg-dry	1	6/29/2002
Di-n-octyl phthalate	ND	0.45		mg/Kg-dry	1	6/29/2002
Hexachlorobenzene	ND	0.45		mg/Kg-dry	1	6/29/2002
Hexachlorobutadiene	ND	0.45		mg/Kg-dry	1	6/29/2002
Hexachlorocyclopentadiene	ND	0.45		mg/Kg-dry	1	6/29/2002
Hexachloroethane	ND	0.45		mg/Kg-dry	1	6/29/2002
Isophorone	ND	0.45		mg/Kg-dry	1	6/29/2002
2-Methylnaphthalene	ND	0.45		mg/Kg-dry	1	6/29/2002
2-Methylphenol	ND	0.45		mg/Kg-dry	1	6/29/2002
4-Methylphenol	ND	0.45		mg/Kg-dry	1	6/29/2002
2-Nitroaniline	ND	2.2		mg/Kg-dry	1	6/29/2002

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-004

Client Sample ID: HAS SP14B 001**Collection Date:** 6/18/2002 4:05:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/27/2002		Analyst: JF
3-Nitroaniline	ND	2.2		mg/Kg-dry	1	6/29/2002
4-Nitroaniline	ND	2.2		mg/Kg-dry	1	6/29/2002
Nitrobenzene	ND	0.45		mg/Kg-dry	1	6/29/2002
2-Nitrophenol	ND	2.2		mg/Kg-dry	1	6/29/2002
4-Nitrophenol	ND	2.2		mg/Kg-dry	1	6/29/2002
N-Nitrosodi-n-propylamine	ND	0.45		mg/Kg-dry	1	6/29/2002
N-Nitrosodiphenylamine	ND	0.45		mg/Kg-dry	1	6/29/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.45		mg/Kg-dry	1	6/29/2002
Pentachlorophenol	ND	2.2		mg/Kg-dry	1	6/29/2002
Phenol	ND	0.45		mg/Kg-dry	1	6/29/2002
1,2,4-Trichlorobenzene	ND	0.45		mg/Kg-dry	1	6/29/2002
2,4,5-Trichlorophenol	ND	0.9		mg/Kg-dry	1	6/29/2002
2,4,6-Trichlorophenol	ND	0.45		mg/Kg-dry	1	6/29/2002
Volatile Organic Compounds by GC/MS	SW8260B			Prep Date: 6/19/2002		Analyst: PS
Acetone	0.068	0.055		mg/Kg-dry	1	6/27/2002
Benzene	ND	0.011		mg/Kg-dry	1	6/27/2002
Bromodichloromethane	ND	0.011		mg/Kg-dry	1	6/27/2002
Bromoform	ND	0.011		mg/Kg-dry	1	6/27/2002
Bromomethane	ND	0.022		mg/Kg-dry	1	6/27/2002
2-Butanone	0.034	0.022		mg/Kg-dry	1	6/27/2002
Carbon disulfide	ND	0.011		mg/Kg-dry	1	6/27/2002
Carbon tetrachloride	ND	0.011		mg/Kg-dry	1	6/27/2002
Chlorobenzene	ND	0.011		mg/Kg-dry	1	6/27/2002
Chloroethane	ND	0.022		mg/Kg-dry	1	6/27/2002
Chloroform	ND	0.011		mg/Kg-dry	1	6/27/2002
Chloromethane	ND	0.011		mg/Kg-dry	1	6/27/2002
Dibromochloromethane	ND	0.011		mg/Kg-dry	1	6/27/2002
1,1-Dichloroethane	ND	0.011		mg/Kg-dry	1	6/27/2002
1,2-Dichloroethane	ND	0.011		mg/Kg-dry	1	6/27/2002
1,1-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/27/2002
cis-1,2-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/27/2002
trans-1,2-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/27/2002
1,2-Dichloropropane	ND	0.011		mg/Kg-dry	1	6/27/2002
cis-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	6/27/2002
trans-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	6/27/2002
Ethylbenzene	ND	0.011		mg/Kg-dry	1	6/27/2002
2-Hexanone	ND	0.022		mg/Kg-dry	1	6/27/2002
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	6/27/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-004

Client Sample ID: HAS SP14B 001**Collection Date:** 6/18/2002 4:05:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/19/2002		Analyst: PS
Methylene chloride	ND	0.022		mg/Kg-dry	1	6/27/2002
Styrene	ND	0.011		mg/Kg-dry	1	6/27/2002
1,1,2,2-Tetrachloroethane	ND	0.011		mg/Kg-dry	1	6/27/2002
Tetrachloroethene	ND	0.011		mg/Kg-dry	1	6/27/2002
Toluene	ND	0.011		mg/Kg-dry	1	6/27/2002
1,1,1-Trichloroethane	ND	0.011		mg/Kg-dry	1	6/27/2002
1,1,2-Trichloroethane	ND	0.011		mg/Kg-dry	1	6/27/2002
Trichloroethene	ND	0.011		mg/Kg-dry	1	6/27/2002
Vinyl chloride	ND	0.011		mg/Kg-dry	1	6/27/2002
m,p-Xylene	ND	0.011		mg/Kg-dry	1	6/27/2002
o-Xylene	ND	0.011		mg/Kg-dry	1	6/27/2002
Cyanide, Total	SW9012A			Prep Date: 6/21/2002		Analyst: YZ
Cyanide	ND	0.34		mg/Kg-dry	1	6/26/2002
Percent Moisture	D2216			Prep Date: 6/26/2002		Analyst: PMS
Percent Moisture	27.30	0.01		wt%	1	6/26/2002

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-005

Client Sample ID: HAS SP16 001

Collection Date: 6/18/2002 4:40:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.11		mg/Kg-dry	1	6/29/2002
Aroclor 1221	ND	0.11		mg/Kg-dry	1	6/29/2002
Aroclor 1232	ND	0.11		mg/Kg-dry	1	6/29/2002
Aroclor 1242	ND	0.11		mg/Kg-dry	1	6/29/2002
Aroclor 1248	ND	0.11		mg/Kg-dry	1	6/29/2002
Aroclor 1254	ND	0.21		mg/Kg-dry	1	6/29/2002
Aroclor 1260	ND	0.21		mg/Kg-dry	1	6/29/2002
Mercury	SW7471A					
Mercury	1.2	0.098		mg/Kg-dry	3	6/24/2002
Metals by ICP/MS	SW6020					
Antimony	2.5	1.3		mg/Kg-dry	10	6/28/2002
Arsenic	23	0.65		mg/Kg-dry	10	6/28/2002
Beryllium	2.2	0.65		mg/Kg-dry	10	6/28/2002
Cadmium	4.1	0.65		mg/Kg-dry	10	6/28/2002
Chromium	17	1.3		mg/Kg-dry	10	6/28/2002
Copper	84	1.3		mg/Kg-dry	10	6/28/2002
Lead	360	0.65		mg/Kg-dry	10	6/28/2002
Nickel	23	1.3		mg/Kg-dry	10	6/28/2002
Selenium	1.4	1.3		mg/Kg-dry	10	6/28/2002
Silver	ND	1.3		mg/Kg-dry	10	6/28/2002
Thallium	1.5	1.3		mg/Kg-dry	10	6/28/2002
Zinc	1400	6.5		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	0.044	0.032		mg/Kg-dry	1	6/30/2002
Acenaphthylene	0.14	0.032		mg/Kg-dry	1	6/30/2002
Anthracene	2	0.32		mg/Kg-dry	10	6/29/2002
Benz(a)anthracene	0.71	0.32		mg/Kg-dry	10	6/29/2002
Benzo(b)fluoranthene	0.79	0.32		mg/Kg-dry	10	6/29/2002
Benzo(k)fluoranthene	0.57	0.32		mg/Kg-dry	10	6/29/2002
Benzo(g,h,i)perylene	0.43	0.32		mg/Kg-dry	10	6/29/2002
Benzo(a)pyrene	0.7	0.32		mg/Kg-dry	10	6/29/2002
Chrysene	0.83	0.32		mg/Kg-dry	10	6/29/2002
Dibenz(a,h)anthracene	0.14	0.032		mg/Kg-dry	1	6/30/2002
Fluoranthene	1.1	0.32		mg/Kg-dry	10	6/29/2002
Fluorene	0.066	0.032		mg/Kg-dry	1	6/30/2002
Indeno(1,2,3-cd)pyrene	0.42	0.32		mg/Kg-dry	10	6/29/2002
Naphthalene	0.74	0.32		mg/Kg-dry	10	6/29/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value; poor MS/MSD recovery. JAK

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**Date Reported:** July 24, 2002**Date Printed:** July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-005

Client Sample ID: HAS SP16 001**Collection Date:** 6/18/2002 4:40:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	1.9	0.32		mg/Kg-dry	10	6/29/2002
Pyrene	1.2	0.32		mg/Kg-dry	10	6/29/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.42		mg/Kg-dry	1	6/30/2002
Bis(2-chloroethyl)ether	ND	0.42		mg/Kg-dry	1	6/30/2002
Bis(2-ethylhexyl)phthalate	ND	0.42		mg/Kg-dry	1	6/30/2002
4-Bromophenyl phenyl ether	ND	0.42		mg/Kg-dry	1	6/30/2002
Butyl benzyl phthalate	ND	0.42		mg/Kg-dry	1	6/30/2002
Carbazole	ND	0.42		mg/Kg-dry	1	6/30/2002
4-Chloro-3-methylphenol	ND	0.42		mg/Kg-dry	1	6/30/2002
4-Chloroaniline	ND	0.42		mg/Kg-dry	1	6/30/2002
2-Chloronaphthalene	ND	0.42		mg/Kg-dry	1	6/30/2002
2-Chlorophenol	ND	0.42		mg/Kg-dry	1	6/30/2002
4-Chlorophenyl phenyl ether	ND	0.42		mg/Kg-dry	1	6/30/2002
Dibenzofuran	0.67	0.42		mg/Kg-dry	1	6/30/2002
1,2-Dichlorobenzene	ND	0.42		mg/Kg-dry	1	6/30/2002
1,3-Dichlorobenzene	ND	0.42		mg/Kg-dry	1	6/30/2002
1,4-Dichlorobenzene	ND	0.42		mg/Kg-dry	1	6/30/2002
3,3'-Dichlorobenzidine	ND	0.84		mg/Kg-dry	1	6/30/2002
2,4-Dichlorophenol	ND	0.42		mg/Kg-dry	1	6/30/2002
Diethyl phthalate	ND	0.42		mg/Kg-dry	1	6/30/2002
Dimethyl phthalate	ND	0.42		mg/Kg-dry	1	6/30/2002
Di-n-butyl phthalate	ND	0.42		mg/Kg-dry	1	6/30/2002
2,4-Dimethylphenol	ND	0.42		mg/Kg-dry	1	6/30/2002
4,6-Dinitro-2-methylphenol	ND	2		mg/Kg-dry	1	6/30/2002
2,4-Dinitrophenol	ND	2		mg/Kg-dry	1	6/30/2002
2,4-Dinitrotoluene	ND	0.32		mg/Kg-dry	1	6/30/2002
2,6-Dinitrotoluene	ND	0.32		mg/Kg-dry	1	6/30/2002
Di-n-octyl phthalate	ND	0.42		mg/Kg-dry	1	6/30/2002
Hexachlorobenzene	ND	0.42		mg/Kg-dry	1	6/30/2002
Hexachlorobutadiene	ND	0.42		mg/Kg-dry	1	6/30/2002
Hexachlorocyclopentadiene	ND	0.42		mg/Kg-dry	1	6/30/2002
Hexachloroethane	ND	0.42		mg/Kg-dry	1	6/30/2002
Isophorone	ND	0.42		mg/Kg-dry	1	6/30/2002
2-Methylnaphthalene	2.3	0.42		mg/Kg-dry	1	6/30/2002
2-Methylphenol	ND	0.42		mg/Kg-dry	1	6/30/2002
4-Methylphenol	ND	0.42		mg/Kg-dry	1	6/30/2002
2-Nitroaniline	ND	2		mg/Kg-dry	1	6/30/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-005

Client Sample ID: HAS SP16 001

Collection Date: 6/18/2002 4:40:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/27/2002		Analyst: JF
3-Nitroaniline	ND	2		mg/Kg-dry	1	6/30/2002
4-Nitroaniline	ND	2		mg/Kg-dry	1	6/30/2002
Nitrobenzene	ND	0.42		mg/Kg-dry	1	6/30/2002
2-Nitrophenol	ND	2		mg/Kg-dry	1	6/30/2002
4-Nitrophenol	ND	2		mg/Kg-dry	1	6/30/2002
N-Nitrosodi-n-propylamine	ND	0.42		mg/Kg-dry	1	6/30/2002
N-Nitrosodiphenylamine	ND	0.42		mg/Kg-dry	1	6/30/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.42		mg/Kg-dry	1	6/30/2002
Pentachlorophenol	ND	2		mg/Kg-dry	1	6/30/2002
Phenol	ND	0.42		mg/Kg-dry	1	6/30/2002
1,2,4-Trichlorobenzene	ND	0.42		mg/Kg-dry	1	6/30/2002
2,4,5-Trichlorophenol	ND	0.84		mg/Kg-dry	1	6/30/2002
2,4,6-Trichlorophenol	ND	0.42		mg/Kg-dry	1	6/30/2002
Volatile Organic Compounds by GC/MS	SW8035/8260B			Prep Date: 6/19/2002		Analyst: PS
Acetone	ND	0.059		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.012		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.012		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.012		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.024		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.024		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.012		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.012		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.012		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.024		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.012		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.012		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.012		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.012		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.012		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.012		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.012		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.012		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.012		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.012		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.012		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.012		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.024		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.024		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 24, 2002

Date Printed: July 25, 2002

Client: Burns & McDonnell
Lab Order: 0207119
Project: 29168, Hawthorne Parcel 2
Lab ID: 0207119-005

Client Sample ID: HAS SP16 001**Collection Date:** 6/18/2002 4:40:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS				SW5035/8260B		
Methylene chloride	ND	0.024		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.012		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.012		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.012		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.012		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	ND	0.012		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.012		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.012		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.012		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.012		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.012		mg/Kg-dry	1	6/28/2002
Cyanide, Total				SW9012A		
Cyanide	ND	0.34		mg/Kg-dry	1	6/26/2002
Percent Moisture				D2216		
Percent Moisture	25.88	0.01		wt%	1	6/26/2002

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

CLIENT: Burns & McDonnell

Work Order: 0207119

Project: 29168, Hawthorne Parcel 2

Test No: SW5035/8260B Matrix:

**QC SUMMARY REPORT
SURROGATE RECOVERIES**

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4					
VSTD050	105	97.7	103	103					
VBLK062702-2	106	98.1	103	105					
VLCS062702r-2	101	97.5	101	101					
0206134-011AMS	80.7	92.0	107	110					
0206134-011AMSD	77.3	90.4	110	110					
0207119-004A	96.2	97.0	110	111					
VSTD050A	99.7	98.8	102	102					
VBLK062702A-2	107	98.3	100	101					
VLCS062702A-2	97.6	97.5	100	101					
0206134-001AMS	85.6	93.2	108	109					
0206134-001AMSD	92.7	96.8	104	103					
0206134-011AMS	82.1	94.1	106	108					
0206134-011AMSD	75.7	88.8	108	105					
0207119-001A	79.0	87.4	110	112					
0207119-003A	80.9	93.2	108	111					
0207119-005A	72.1	90.2	110	111					
0207119-002A	102	96.8	104	103					

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	59-113
BZMED8	= Toluene-d8	81-117
DBFM	= Dibromofluoromethane	70-121
DCA12D4	= 1,2-Dichloroethane-d4	70-121

* Surrogate recovery outside acceptance limits

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2
Test No: SW8270C

QC SUMMARY REPORT SURROGATE RECOVERIES

Matrix:

Sample ID	CLPH2D4	DCBZ12D4	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14
MB-3147-SVOC	83.2	70.8	81.2	81.8	71.3	83.7	78.7	68.9
LCS-3147-SVOC	76.0	64.1	75.7	82.3	63.3	81.0	72.7	66.4
0206134-001BMS	74.5	60.8	75.4	84.8	60.1	80.9	73.4	69.9
0206134-001BMSD	81.8	67.9	83.7	89.5	67.4	87.0	79.1	71.5
0207119-002B	108	91.5	111	110	90.4	110	106	89.8
0207119-004B	67.3	54.8	68.5	93.0	56.6	70.3	78.6	82.7
0207119-001B	89.5	76.5	95.0	88.1	74.3	87.8	83.9	75.6
0206134-011BMS	81.8	67.7	86.4	88.4	66.9	86.2	76.5	70.8
0206134-011BMSD	81.5	68.6	86.8	82.3	65.7	85.6	75.5	67.6
0207119-003B	112	95.5	119	109	91.6	110	106	83.0
0207119-005B	48.1	46.8	60.3	90.0	17.5 *	38.0	76.5	71.7

Acronym	Surrogate	QC Limits
CLPH2D4	= 2-Chlorophenol-d4	20-130
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PH246BR	= 2,4,6-Tribromophenol	19-122
PH2F	= 2-Fluorophenol	25-121
PHD5	= Phenol-d5	24-113
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

* Surrogate recovery outside acceptance limits

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 2

Prep Start Date: 6/27/2002 9:02:14 P

Prep End Date: 6/28/2002 9:41:02 P

Prep Factor Units:
mL / Kg

Prep Batch 3147 Prep Code: 3550_SVOC Technician: CDM

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206103-001B	Soil		0.03073	0	0	5	162.707	6/27/2002	6/28/2002
0206103-002B	Soil		0.03099	0	0	1	32.268	6/27/2002	6/28/2002
0206122-006B	Soil		0.03069	0	0	1	32.584	6/27/2002	6/28/2002
0206134-001B	Soil		0.03012	0	0	1	33.201	6/27/2002	6/28/2002
0206134-001BMS	Soil		0.03082	0	0	1	32.446	6/27/2002	6/28/2002
0206134-001BMSD	Soil		0.03004	0	0	1	33.289	6/27/2002	6/28/2002
0206134-002B	Soil		0.00354	0	0	5	1412.429	6/27/2002	6/28/2002
0206134-003B	Soil		0.03124	0	0	1	32.010	6/27/2002	6/28/2002
0206134-004B	Soil		0.00318	0	0	1	314.465	6/27/2002	6/28/2002
0206134-005B	Soil		0.031	0	0	1	32.258	6/27/2002	6/28/2002
0206134-006B	Soil		0.03112	0	0	1	32.134	6/27/2002	6/28/2002
0206134-007B	Soil		0.03192	0	0	1	31.328	6/27/2002	6/28/2002
0206134-008B	Soil		0.03044	0	0	1	32.852	6/27/2002	6/28/2002
0206134-009B	Soil		0.03137	0	0	1	31.878	6/27/2002	6/28/2002
0206134-010B	Soil		0.03166	0	0	1	31.586	6/27/2002	6/28/2002
0206134-011B	Soil		0.03067	0	0	1	32.605	6/27/2002	6/28/2002
0206134-011BMS	Soil		0.03064	0	0	1	32.637	6/27/2002	6/28/2002
0206134-011BMSD	Soil		0.03065	0	0	1	32.626	6/27/2002	6/28/2002
0206134-012B	Soil		0.03068	0	0	1	32.595	6/27/2002	6/28/2002
0207119-001B	Soil		0.03048	0	0	1	32.808	6/27/2002	6/28/2002
0207119-002B	Soil		0.03079	0	0	1	32.478	6/27/2002	6/28/2002
0207119-003B	Soil		0.03041	0	0	1	32.884	6/27/2002	6/28/2002
0207119-004B	Soil		0.03037	0	0	1	32.927	6/27/2002	6/28/2002
0207119-005B	Soil		0.03186	0	0	1	31.387	6/27/2002	6/28/2002
LCS-3147-SVOC			0.03	0	0	1	33.333	6/27/2002	6/28/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 2 of 2

Prep Start Date: 6/27/2002 9:02:14 P

Prep End Date: 6/28/2002 9:41:02 P

Prep Factor Units:

mL / Kg

Prep Batch 3147 Prep Code: 3550_SVOC Technician: CDM

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-3147-SVOC			0.03	0	0	1	33.333	6/27/2002	6/28/2002

CLIENT: Burns & McDonnell

Work Order: 0207119

Project: 29168, Hawthorne Parcel 2

Test No: SW8270(SIM) Matrix:

**QC SUMMARY REPORT
SURROGATE RECOVERIES**

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14					
MB-3148-PNA	80.2	66.1	89.8	102					
LCS-3148-PNA	73.3	59.5	90.4	112					
0206134-001BMS	76.4	72.7	90.8	120					
0206134-001BMSD	77.8	73.5	88.6	125					
0207119-002B	42.2	46.6	44.8	51.5					
0207119-004B	32.2	36.5	41.9	52.0					
0207119-003B	43.1	47.9	44.1	62.6					
0207119-005B	33.5	39.7	54.7	83.2					
0207119-001B	57.5	62.5	65.6	86.1					

Acronym	Surrogate	QC Limits
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

* Surrogate recovery outside acceptance limits

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 2

Prep Start Date: 6/27/2002 9:04:20 P
Prep End Date: 6/28/2002 9:41:36 P

Prep Factor Units:
mL / Kg

Prep Batch	3148	Prep Code:	3550_PNA	Technician:	CDM	Fin Vol	factor	PrepStart	PrepEnd
Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov				
0206103-001B	Soil		0.03073	0	0	5	162.707	6/27/2002	6/28/2002
0206103-002B	Soil		0.03099	0	0	1	32.268	6/27/2002	6/28/2002
0206122-006B	Soil		0.03069	0	0	1	32.584	6/27/2002	6/28/2002
0206134-001B	Soil		0.03012	0	0	1	33.201	6/27/2002	6/28/2002
0206134-001BMS	Soil		0.0305	0	0	1	32.787	6/27/2002	6/28/2002
0206134-001BMSD	Soil		0.03083	0	0	1	32.436	6/27/2002	6/28/2002
0206134-002B	Soil		0.00354	0	0	5	1412.429	6/27/2002	6/28/2002
0206134-003B	Soil		0.03124	0	0	1	32.010	6/27/2002	6/28/2002
0206134-004B	Soil		0.00318	0	0	1	314.465	6/27/2002	6/28/2002
0206134-005B	Soil		0.031	0	0	1	32.258	6/27/2002	6/28/2002
0206134-006B	Soil		0.03112	0	0	1	32.134	6/27/2002	6/28/2002
0206134-007B	Soil		0.03192	0	0	1	31.328	6/27/2002	6/28/2002
0206134-008B	Soil		0.03044	0	0	1	32.852	6/27/2002	6/28/2002
0206134-009B	Soil		0.03137	0	0	1	31.878	6/27/2002	6/28/2002
0206134-010B	Soil		0.03166	0	0	1	31.586	6/27/2002	6/28/2002
0206134-011B	Soil		0.03067	0	0	1	32.605	6/27/2002	6/28/2002
0206134-011BMS	Soil		0.03011	0	0	1	33.212	6/27/2002	6/28/2002
0206134-011BMSD	Soil		0.03065	0	0	1	32.626	6/27/2002	6/28/2002
0206134-012B	Soil		0.03068	0	0	1	32.595	6/27/2002	6/28/2002
0207119-001B	Soil		0.03048	0	0	1	32.808	6/27/2002	6/28/2002
0207119-002B	Soil		0.03079	0	0	1	32.478	6/27/2002	6/28/2002
0207119-003B	Soil		0.03041	0	0	1	32.884	6/27/2002	6/28/2002
0207119-004B	Soil		0.03037	0	0	1	32.927	6/27/2002	6/28/2002
0207119-005B	Soil		0.03186	0	0	1	31.387	6/27/2002	6/28/2002
LCS-3148-PNA			0.03	0	0	1	33.333	6/27/2002	6/28/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 2 of 2

Prep Start Date: 6/27/2002 9:04:20 P

Prep End Date: 6/28/2002 9:41:36 P

Prep Batch 3148

Prep Code: 3550_PNA

Technician: CDM

Prep Factor Units:
mL / Kg

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-3148-PNA			0.03	0	0	1	33.333	6/27/2002	6/28/2002

CLIENT: Burns & McDonnell

Work Order: 0207119

Project: 29168, Hawthorne Parcel 2

Test No: SW8082 Matrix:

**QC SUMMARY REPORT
SURROGATE RECOVERIES**

Sample ID CL10BZ2 XYL2456CLM

MB-3149-PCB	92.9	88.9							
LCS-3149-PCB	90.9	85.9							
0206134-001BMS	87.9	91.9							
0206134-001BMSD	96.0	98.0							
0206134-011BMS	97.0	97.0							
0206134-011BMSD	98.0	98.0							
0207119-001B	98.0	98.0							
0207119-002B	97.0	101							
0207119-003B	83.8	90.9							
0207119-004B	74.7	77.8							
0207119-005B	89.9	87.9							

Acronym	Surrogate	QC Limits
CL10BZ2	= Decachlorobiphenyl	30-150
XYL2456CLM	= Tetrachloro-m-xylene	30-150

* Surrogate recovery outside acceptance limits

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/27/2002 9:04:20 A

Prep End Date: 6/28/2002 9:41:53 P

Prep Batch 3149 Prep Code: 3550_PCB Technician: CDM

Prep Factor Units:
mL / Kg

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206122-006B	Soil		0.03142	0	0	10	318.269	6/28/2002	6/28/2002
0206134-001B	Soil		0.03082	0	0	10	324.465	6/28/2002	6/28/2002
0206134-001BMS	Soil		0.03017	0	0	10	331.455	6/28/2002	6/28/2002
0206134-001BMSD	Soil		0.03171	0	0	10	315.358	6/28/2002	6/28/2002
0206134-002B	Soil		0.00311	0	0	10	3215.434	6/28/2002	6/28/2002
0206134-003B	Soil		0.03032	0	0	10	329.815	6/28/2002	6/28/2002
0206134-004B	Soil		0.00321	0	0	10	3115.265	6/28/2002	6/28/2002
0206134-005B	Soil		0.03149	0	0	10	317.561	6/28/2002	6/28/2002
0206134-006B	Soil		0.03137	0	0	10	318.776	6/28/2002	6/28/2002
0206134-007B	Soil		0.03077	0	0	10	324.992	6/28/2002	6/28/2002
0206134-008B	Soil		0.03064	0	0	10	326.371	6/28/2002	6/28/2002
0206134-009B	Soil		0.03146	0	0	10	317.864	6/28/2002	6/28/2002
0206134-010B	Soil		0.03101	0	0	10	322.477	6/28/2002	6/28/2002
0206134-011B	Soil		0.03056	0	0	10	327.225	6/28/2002	6/28/2002
0206134-011BMS	Soil		0.03048	0	0	10	328.084	6/28/2002	6/28/2002
0206134-011BMSD	Soil		0.03076	0	0	10	325.098	6/28/2002	6/28/2002
0206134-012B	Soil		0.03051	0	0	10	327.761	6/28/2002	6/28/2002
0207119-001B	Soil		0.03061	0	0	10	326.691	6/28/2002	6/28/2002
0207119-002B	Soil		0.03051	0	0	10	327.761	6/28/2002	6/28/2002
0207119-003B	Soil		0.03104	0	0	10	322.165	6/28/2002	6/28/2002
0207119-004B	Soil		0.03087	0	0	10	323.939	6/28/2002	6/28/2002
0207119-005B	Soil		0.03059	0	0	10	326.904	6/28/2002	6/28/2002
LCS-3149-PCB			0.03	0	0	10	333.333	6/28/2002	6/28/2002
MB-3149-PCB			0.03	0	0	10	333.333	6/28/2002	6/28/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 2

Prep Start Date: 6/22/2002 9:00:00 A

Prep End Date: 6/22/2002 12:00:00

Prep Factor Units:

mL / g

Prep Batch 3062 Prep Code: M_S_PREP Technician: JG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206134-005B	Soil		1.075	0	0	50	46.512	6/22/2002	6/22/2002
0206134-006B	Soil		1.091	0	0	50	45.830	6/22/2002	6/22/2002
0206134-007B	Soil		1.003	0	0	50	49.850	6/22/2002	6/22/2002
0206134-008B	Soil		1.063	0	0	50	47.037	6/22/2002	6/22/2002
0206134-009B	Soil		1.027	0	0	50	48.685	6/22/2002	6/22/2002
0206134-010B	Soil		1.088	0	0	50	45.956	6/22/2002	6/22/2002
0206134-011B	Soil		1.043	0	0	50	47.939	6/22/2002	6/22/2002
0206134-011BMS	Soil		1.0332	0	0	50	48.393	6/22/2002	6/22/2002
0206134-011BMSD	Soil		1.036	0	0	50	48.263	6/22/2002	6/22/2002
0206134-012B	Soil		1.006	0	0	50	49.702	6/22/2002	6/22/2002
0207119-001B	Soil		1.023	0	0	50	48.876	6/22/2002	6/22/2002
0207119-002B	Soil		1.02	0	0	50	49.020	6/22/2002	6/22/2002
0207119-003B	Soil		1.007	0	0	50	49.652	6/22/2002	6/22/2002
0207119-004B	Soil		1.041	0	0	50	48.031	6/22/2002	6/22/2002
0207119-005B	Soil		1.033	0	0	50	48.403	6/22/2002	6/22/2002
0206148-001B	Soil		1.008	0	0	50	49.603	6/22/2002	6/22/2002
0206148-002B	Soil		1.008	0	0	50	49.603	6/22/2002	6/22/2002
0206148-003B	Soil		1.062	0	0	50	47.081	6/22/2002	6/22/2002
0206148-004B	Soil		1.065	0	0	50	46.948	6/22/2002	6/22/2002
0206148-005B	Soil		1.082	0	0	50	46.211	6/22/2002	6/22/2002
0206148-006B	Soil		1.003	0	0	50	49.850	6/22/2002	6/22/2002
0206148-007B	Soil		1.083	0	0	50	46.168	6/22/2002	6/22/2002
ILCSDS1 06/22/02			1	0	0	50	50.000	6/22/2002	6/22/2002
ILCSS1 06/22/02			1	0	0	50	50.000	6/22/2002	6/22/2002
IMBS1 06/22/02			1	0	0	50	50.000	6/22/2002	6/22/2002

STAT Analysis Corporation**PREP BATCH REPORT**

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Prep Start Date: 6/22/2002 9:00:00 A

Prep End Date: 6/22/2002 12:00:00

Prep Batch 3062 Prep Code: M_S_PREP Technician: JG

Prep Factor Units:
mL / g

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
ISLCS1 06/22/02			0.502	0	0	50	99.602	6/22/2002	6/22/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 2

Prep Start Date: 6/24/2002 11:30:00

Prep End Date: 6/24/2002 12:00:00

Prep Factor Units:

mL / g

Prep Batch 3084 Prep Code: M_HG_S_PRE Technician: JG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206134-001B	Soil		0.311	0	0	30	96.463	6/24/2002	6/24/2002
0206134-001BMS	Soil		0.313	0	0	30	95.847	6/24/2002	6/24/2002
0206134-001BMSD	Soil		0.316	0	0	30	94.937	6/24/2002	6/24/2002
0206134-002B	Soil		0.308	0	0	30	97.403	6/24/2002	6/24/2002
0206134-003B	Soil		0.306	0	0	30	98.039	6/24/2002	6/24/2002
0206134-004B	Soil		0.308	0	0	30	97.403	6/24/2002	6/24/2002
0206134-005B	Soil		0.317	0	0	30	94.637	6/24/2002	6/24/2002
0206134-006B	Soil		0.312	0	0	30	96.154	6/24/2002	6/24/2002
0206134-007B	Soil		0.311	0	0	30	96.463	6/24/2002	6/24/2002
0206134-008B	Soil		0.304	0	0	30	98.684	6/24/2002	6/24/2002
0206134-009B	Soil		0.319	0	0	30	94.044	6/24/2002	6/24/2002
0206134-010B	Soil		0.321	0	0	30	93.458	6/24/2002	6/24/2002
0206134-011B	Soil		0.302	0	0	30	99.338	6/24/2002	6/24/2002
0206134-011BMS	Soil		0.303	0	0	30	99.010	6/24/2002	6/24/2002
0206134-011BMSD	Soil		0.314	0	0	30	95.541	6/24/2002	6/24/2002
0206134-012B	Soil		0.308	0	0	30	97.403	6/24/2002	6/24/2002
0207119-001B	Soil		0.315	0	0	30	95.238	6/24/2002	6/24/2002
0207119-002B	Soil		0.312	0	0	30	96.154	6/24/2002	6/24/2002
0207119-003B	Soil		0.305	0	0	30	98.361	6/24/2002	6/24/2002
0207119-004B	Soil		0.31	0	0	30	96.774	6/24/2002	6/24/2002
0207119-005B	Soil		0.308	0	0	30	97.403	6/24/2002	6/24/2002
0206159-001B	Soil		0.31	0	0	30	96.774	6/24/2002	6/24/2002
0206165-001A	Soil		0.311	0	0	30	96.463	6/24/2002	6/24/2002
HGLCSDS1 06/24/02			0.3	0	0	30	100.000	6/24/2002	6/24/2002
HGLCSS1 06/24/02			0.3	0	0	30	100.000	6/24/2002	6/24/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 2 of 2

Prep Start Date: 6/24/2002 11:30:00

Prep End Date: 6/24/2002 12:00:00

Prep Factor Units:
mL / g

Prep Batch 3084 Prep Code: M_HG_S_PRE Technician: JG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
HGMBS1	06/24/02		0.3	0	0	30	100.000	6/24/2002	6/24/2002
HGSLCS1	06/24/02		0.317	0	0	30	94.637	6/24/2002	6/24/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/21/2002 1:00:00 P

Prep End Date: 6/21/2002 6:00:00 P

Prep Factor Units:

mL / g

Prep Batch 3112 Prep Code: TCNPREP_S Technician: CT

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206134-001B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0206134-001BMS	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206134-001BMSD	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206134-009B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0206134-010B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206134-012B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0207119-001B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0207119-002B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0207119-003B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0207119-004B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0207119-005B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206143-001A	Free Product		1	0	0	50	50.000	6/21/2002	6/21/2002
0206143-002A	Free Product		1	0	0	50	50.000	6/21/2002	6/21/2002
0206148-001B	Soil		1.02	0	0	50	49.020	6/21/2002	6/21/2002
0206148-002B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206148-003B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0206148-004B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206148-005B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206148-006B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0206148-007B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206148-008B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0206148-009B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
TCNLCSDS2 062102			1	0	0	50	50.000	6/21/2002	6/21/2002
TCNLCSS2 062102			1	0	0	50	50.000	6/21/2002	6/21/2002
TCNMBS2 062102			1	0	0	50	50.000	6/21/2002	6/21/2002

CLIENT: Burns & McDonnell

Work Order: 0207119

Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3149

Sample ID: MB-3149-PCB	SampType: MBLK	TestCode: PCB_SOIL	Units: mg/Kg	Prep Date: 6/28/2002	Run ID: GC-ECD_020628A						
Client ID: ZZZZZ	Batch ID: 3149	TestNo: SW8082		Analysis Date: 6/28/2002	SeqNo: 74620						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.080									
Aroclor 1221	ND	0.080									
Aroclor 1232	ND	0.080									
Aroclor 1242	ND	0.080									
Aroclor 1248	ND	0.080									
Aroclor 1254	ND	0.16									
Aroclor 1260	ND	0.16									
Sample ID: LCS-3149-PCB	SampType: LCS	TestCode: PCB_SOIL	Units: mg/Kg	Prep Date: 6/28/2002	Run ID: GC-ECD_020628A						
Client ID: ZZZZZ	Batch ID: 3149	TestNo: SW8082		Analysis Date: 6/28/2002	SeqNo: 74621						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.3031	0.080	0.333	0	91	30	150	0	0		
Aroclor 1260	0.214	0.16	0.333	0	64.3	30	150	0	0		
Sample ID: 0206134-001BMS	SampType: MS	TestCode: PCB_SOIL	Units: mg/Kg-dry	Prep Date: 6/28/2002	Run ID: GC-ECD_020628A						
Client ID: ZZZZZ	Batch ID: 3149	TestNo: SW8082		Analysis Date: 6/28/2002	SeqNo: 74624						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.3646	0.097	0.4043	0	90.2	30	150	0	0		
Aroclor 1260	0.2343	0.19	0.4043	0	58	30	150	0	0		
Sample ID: 0206134-011BMS	SampType: MS	TestCode: PCB_SOIL	Units: mg/Kg-dry	Prep Date: 6/28/2002	Run ID: GC-ECD_020628A						
Client ID: ZZZZZ	Batch ID: 3149	TestNo: SW8082		Analysis Date: 6/29/2002	SeqNo: 74644						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.3687	0.095	0.396	0	93.1	30	150	0	0		
Aroclor 1260	0.3688	0.19	0.396	0	93.1	30	150	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3149

Sample ID: 0206134-001BMSD	SampType: MSD	TestCode: PCB_SOIL	Units: mg/Kg-dry	Prep Date: 6/28/2002	Run ID: GC-ECD_020628A					
Client ID: ZZZZZ	Batch ID: 3149	TestNo: SW8082		Analysis Date: 6/29/2002	SeqNo: 74625					
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual										
Aroclor 1016	0.3562	0.092	0.3847	0	92.6	30	150	0.3646	2.35	25
Aroclor 1260	0.2581	0.18	0.3847	0	67.1	30	150	0.2343	9.64	25
Sample ID: 0206134-011BMSD	SampType: MSD	TestCode: PCB_SOIL	Units: mg/Kg-dry	Prep Date: 6/28/2002	Run ID: GC-ECD_020628A					
Client ID: ZZZZZ	Batch ID: 3149	TestNo: SW8082		Analysis Date: 6/29/2002	SeqNo: 74645					
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual										
Aroclor 1016	0.3732	0.094	0.3924	0	95.1	30	150	0.3687	1.21	25
Aroclor 1260	0.3775	0.19	0.3924	0	96.2	30	150	0.3688	2.34	25

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank
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CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3062

Sample ID: IMBS1 06/22/02	SampType: MBLK	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 6/22/2002	Run ID: ICPMS_020628A
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002	SeqNo: 74466
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Antimony	0.293	0.50			J
Arsenic	ND	0.25			
Beryllium	ND	0.25			
Cadmium	ND	0.25			
Chromium	ND	0.50			
Copper	ND	0.50			
Lead	ND	0.25			
Nickel	ND	0.50			
Selenium	ND	0.50			
Silver	0.1795	0.50			J
Thallium	0.4405	0.50			J
Zinc	ND	2.5			
Sample ID: ILCSS1 06/22/02	SampType: LCS	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 6/22/2002	Run ID: ICPMS_020628A
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002	SeqNo: 74467
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Antimony	23.22	0.50	25	0.293	91.7 80 120 0 0
Arsenic	23.2	0.25	25	0	92.8 80 120 0 0
Beryllium	21.82	0.25	25	0	87.3 80 120 0 0
Cadmium	22.89	0.25	25	0	91.6 80 120 0 0
Chromium	24.52	0.50	25	0	98.1 80 120 0 0
Copper	24.32	0.50	25	0	97.3 80 120 0 0
Lead	23.12	0.25	25	0	92.5 80 120 0 0
Nickel	24.94	0.50	25	0	99.7 80 120 0 0
Selenium	21.89	0.50	25	0	87.6 80 120 0 0
Silver	23.5	0.50	25	0.1795	93.3 80 120 0 0
Thallium	22.05	0.50	25	0.4405	86.4 80 120 0 0
Zinc	23.54	2.5	25	0	94.2 80 120 0 0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3062

Sample ID: ILCSDS1 06/22/02	SampType: LCSD	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 6/22/2002	Run ID: ICPMS_020628A						
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002	SeqNo: 74468						
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual											
Antimony	24.33	0.50	25	0.293	96.1	.80	120	23.22	4.67	20	
Arsenic	24.02	0.25	25	0	96.1	80	120	23.2	3.47	20	
Beryllium	22.39	0.25	25	0	89.6	80	120	21.82	2.58	20	
Cadmium	23.95	0.25	25	0	95.8	80	120	22.89	4.53	20	
Chromium	25.25	0.50	25	0	101	80	120	24.52	2.93	20	
Copper	24.72	0.50	25	0	98.9	80	120	24.32	1.59	20	
Lead	24.04	0.25	25	0	96.1	80	120	23.12	3.90	20	
Nickel	25.22	0.50	25	0	101	80	120	24.94	1.16	20	
Selenium	22.9	0.50	25	0	91.6	80	120	21.89	4.49	20	
Silver	24.46	0.50	25	0.1795	97.1	80	120	23.5	3.96	20	
Thallium	23.15	0.50	25	0.4405	90.8	80	120	22.05	4.87	20	
Zinc	24.18	2.5	25	0	96.7	80	120	23.54	2.66	20	
Sample ID: 0206134-011BMS	SampType: MS	TestCode: M_ICPMS_S	Units: mg/Kg-dry	Prep Date: 6/22/2002	Run ID: ICPMS_020628A						
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002	SeqNo: 74479						
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual											
Antimony	5.905	1.2	29.23	0.8879	17.2	75	125	0	0	0	S
Arsenic	38.07	0.58	29.23	7.663	104	75	125	0	0	0	
Beryllium	26.6	0.58	29.23	0.6493	88.8	75	125	0	0	0	
Cadmium	28.18	0.58	29.23	0.6209	94.3	75	125	0	0	0	
Chromium	42.82	1.2	29.23	15.35	94	75	125	0	0	0	
Copper	58.93	1.2	29.23	41.23	60.6	75	125	0	0	0	S
Lead	147	0.58	29.23	88.38	200	75	125	0	0	0	S
Nickel	52.75	1.2	29.23	26.63	89.4	75	125	0	0	0	
Selenium	27.14	1.2	29.23	0	92.8	75	125	0	0	0	
Silver	27.13	1.2	29.23	0.523	91	75	125	0	0	0	
Thallium	26.97	1.2	29.23	1.484	87.2	75	125	0	0	0	
Zinc	174.1	5.8	29.23	117.2	195	75	125	0	0	0	S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3062

Sample ID: 0206134-011BMSD SampType: MSD		TestCode: M_ICPMS_S Units: mg/Kg-dry		Prep Date: 6/22/2002			Run ID: ICPMS_020628A				
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002			SeqNo: 74480				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	6.461	1.2	29.15	0.8879	19.1	75	125	5.905	8.98	20	S
Arsenic	37.07	0.58	29.15	7.663	101	75	125	38.07	2.66	20	
Beryllium	25.05	0.58	29.15	0.6493	83.7	75	125	26.6	6.01	20	
Cadmium	27.17	0.58	29.15	0.6209	91.1	75	125	28.18	3.65	20	
Chromium	41.64	1.2	29.15	15.35	90.2	75	125	42.82	2.80	20	
Copper	56.31	1.2	29.15	41.23	51.7	75	125	58.93	4.56	20	S
Lead	146.8	0.58	29.15	88.38	200	75	125	147	0.112	20	S
Nickel	47.2	1.2	29.15	26.63	70.5	75	125	52.75	11.1	20	S
Selenium	26.44	1.2	29.15	0	90.7	75	125	27.14	2.62	20	
Silver	26.13	1.2	29.15	0.523	87.8	75	125	27.13	3.73	20	
Thallium	25.71	1.2	29.15	1.484	83.1	75	125	26.97	4.77	20	
Zinc	151.5	5.8	29.15	117.2	118	75	125	174.1	13.9	20	

Sample ID: 0206134-011BPDS SampType: PDS		TestCode: M_ICPMS_S Units: mg/Kg-dry		Prep Date: 6/22/2002			Run ID: ICPMS_020628A				
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002			SeqNo: 74481				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	27.26	1.2	28.96	0.8879	91.1	75	125	0	0		
Copper	65.04	1.2	28.96	41.23	82.2	75	125	0	0		
Lead	116.5	0.58	28.96	88.38	97.2	75	125	0	0		
Zinc	137	5.8	28.96	117.2	68.6	75	125	0	0		S

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3084

Sample ID: HGMBS1 06/24/02		SampType: MBLK	TestCode: M_HG_SOLI Units: mg/Kg			Prep Date: 6/24/2002			Run ID: CETAC_020624B			
Client ID: ZZZZZ		Batch ID: 3084	TestNo: SW7471A			Analysis Date: 6/24/2002			SeqNo: 72202			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		ND	0.025									
Sample ID: HGLCSS1 06/24/02		SampType: LCS	TestCode: M_HG_SOLI Units: mg/Kg			Prep Date: 6/24/2002			Run ID: CETAC_020624B			
Client ID: ZZZZZ		Batch ID: 3084	TestNo: SW7471A			Analysis Date: 6/24/2002			SeqNo: 72203			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.241	0.025	0.25	0	96.4	80	120	0	0		
Sample ID: HGLCSDS1 06/24/02		SampType: LCSD	TestCode: M_HG_SOLI Units: mg/Kg			Prep Date: 6/24/2002			Run ID: CETAC_020624B			
Client ID: ZZZZZ		Batch ID: 3084	TestNo: SW7471A			Analysis Date: 6/24/2002			SeqNo: 72204			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.246	0.025	0.25	0	98.4	80	120	0.241	2.05	20	
Sample ID: 0206134-001BMS		SampType: MS	TestCode: M_HG_SOLI Units: mg/Kg-dry			Prep Date: 6/24/2002			Run ID: CETAC_020624B			
Client ID: ZZZZZ		Batch ID: 3084	TestNo: SW7471A			Analysis Date: 6/24/2002			SeqNo: 72207			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.309	0.029	0.2926	0.02122	96.7	75	125	0	0		
Sample ID: 0206134-011BMS		SampType: MS	TestCode: M_HG_SOLI Units: mg/Kg-dry			Prep Date: 6/24/2002			Run ID: CETAC_020624B			
Client ID: ZZZZZ		Batch ID: 3084	TestNo: SW7471A			Analysis Date: 6/24/2002			SeqNo: 72238			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		1.45	0.089	0.2991	0.5036	281	75	125	0	0		S
Sample ID: 0206134-001BMSD		SampType: MSD	TestCode: M_HG_SOLI Units: mg/Kg-dry			Prep Date: 6/24/2002			Run ID: CETAC_020624B			
Client ID: ZZZZZ		Batch ID: 3084	TestNo: SW7471A			Analysis Date: 6/24/2002			SeqNo: 72208			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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R - RPD outside accepted recovery limits

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CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3084

Sample ID: 0206134-001BMSD	SampType: MSD	TestCode: M_HG_SOLI	Units: mg/Kg-dry	Prep Date: 6/24/2002	Run ID: CETAC_020624B						
Client ID: ZZZZZ	Batch ID: 3084	TestNo: SW7471A		Analysis Date: 6/24/2002	SeqNo: 72208						
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual											
Mercury	0.2991	0.029	0.2898	0.02122	94.3	75	125	0.253	3.25	20	
Sample ID: 0206134-011BMSD	SampType: MSD	TestCode: M_HG_SOLI	Units: mg/Kg-dry	Prep Date: 6/24/2002	Run ID: CETAC_020624B						
Client ID: ZZZZZ	Batch ID: 3084	TestNo: SW7471A		Analysis Date: 6/24/2002	SeqNo: 72239						
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual											
Mercury	0.8449	0.087	0.2886	0.5036	81.9	75	125	1.2	52.7	20	R

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CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3147

Sample ID: MB-3147-SVOC	SampType: MBLK	TestCode: SVOC_SOIL-	Units: mg/Kg	Prep Date: 6/27/2002	Run ID: SVOC-2_020629A						
Client ID: ZZZZZ	Batch ID: 3147	TestNo: SW8270C		Analysis Date: 6/29/2002	SeqNo: 74717						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-chloroethoxy)methane	ND	0.33									
Bis(2-chloroethyl)ether	ND	0.33									
Bis(2-ethylhexyl)phthalate	ND	0.33									
4-Bromophenyl phenyl ether	ND	0.33									
Butyl benzyl phthalate	ND	0.33									
Carbazole	ND	0.33									
4-Chloro-3-methylphenol	ND	0.33									
4-Chloroaniline	ND	0.33									
2-Chloronaphthalene	ND	0.33									
2-Chlorophenol	ND	0.33									
4-Chlorophenyl phenyl ether	ND	0.33									
Dibenzofuran	ND	0.33									
1,2-Dichlorobenzene	ND	0.33									
1,3-Dichlorobenzene	ND	0.33									
1,4-Dichlorobenzene	ND	0.33									
3,3'-Dichlorobenzidine	ND	0.66									
2,4-Dichlorophenol	ND	0.33									
Diethyl phthalate	ND	0.33									
Dimethyl phthalate	ND	0.33									
Di-n-butyl phthalate	ND	0.33									
2,4-Dimethylphenol	ND	0.33									
4,6-Dinitro-2-methylphenol	ND	1.6									
2,4-Dinitrophenol	ND	1.6									
2,4-Dinitrotoluene	ND	0.25									
2,6-Dinitrotoluene	ND	0.25									
Di-n-octyl phthalate	ND	0.33									
Hexachlorobenzene	ND	0.33									
Hexachlorobutadiene	ND	0.33									
Hexachlorocyclopentadiene	ND	0.33									
Hexachloroethane	ND	0.33									
Isophorone	ND	0.33									

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CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3147

Sample ID: MB-3147-SVOC	SampType: MBLK	TestCode: SVOC_SOIL-	Units: mg/Kg	Prep Date: 6/27/2002	Run ID: SVOC-2_020629A						
Client ID: ZZZZZ	Batch ID: 3147	TestNo: SW8270C		Analysis Date: 6/29/2002	SeqNo: 74717						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	ND	0.33									
2-Methylphenol	ND	0.33									
4-Methylphenol	ND	0.33									
2-Nitroaniline	ND	1.6									
3-Nitroaniline	ND	1.6									
4-Nitroaniline	ND	1.6									
Nitrobenzene	ND	0.33									
2-Nitrophenol	ND	1.6									
4-Nitrophenol	ND	1.6									
N-Nitrosodi-n-propylamine	ND	0.33									
N-Nitrosodiphenylamine	ND	0.33									
2, 2'-oxybis(1-Chloropropane)	ND	0.33									
Pentachlorophenol	ND	1.6									
Phenol	ND	0.33									
1,2,4-Trichlorobenzene	ND	0.33									
2,4,5-Trichlorophenol	ND	0.66									
2,4,6-Trichlorophenol	ND	0.33									

Sample ID: LCS-3147-SVOC	SampType: LCS	TestCode: SVOC_SOIL-	Units: mg/Kg	Prep Date: 6/27/2002	Run ID: SVOC-2_020629A						
Client ID: ZZZZZ	Batch ID: 3147	TestNo: SW8270C		Analysis Date: 6/29/2002	SeqNo: 74718						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloro-3-methylphenol	2.927	0.33	3.333	0	87.8	26	103	0	0	0	
2-Chlorophenol	2.543	0.33	3.333	0	76.3	25	102	0	0	0	
1,4-Dichlorobenzene	1.109	0.33	1.667	0	66.5	28	104	0	0	0	
2,4-Dinitrotoluene	1.425	0.25	1.667	0	85.5	28	89	0	0	0	
4-Nitrophenol	2.592	1.6	3.333	0	77.8	11	114	0	0	0	
N-Nitrosodi-n-propylamine	1.295	0.33	1.667	0	77.7	41	126	0	0	0	
Pentachlorophenol	2.869	1.6	3.333	0	86.1	17	109	0	0	0	
Phenol	2.439	0.33	3.333	0	73.2	26	90	0	0	0	
1,2,4-Trichlorobenzene	1.154	0.33	1.667	0	69.2	38	107	0	0	0	

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CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3147

Sample ID: 0206134-001BMS	SampType: MS	TestCode: SVOC_SOIL-	Units: mg/Kg-dry	Prep Date:	6/27/2002	Run ID:	SVOC-2_020629A				
Client ID: ZZZZZ	Batch ID: 3147	TestNo: SW8270C		Analysis Date:	6/29/2002	SeqNo:	74720				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloro-3-methylphenol	3.692	0.39	3.961	0	93.2	26	103	0	0		
2-Chlorophenol	2.941	0.39	3.961	0	74.2	25	102	0	0		
1,4-Dichlorobenzene	1.236	0.39	1.981	0	62.4	28	104	0	0		
2,4-Dinitrotoluene	1.644	0.30	1.981	0	83	28	89	0	0		
4-Nitrophenol	3.149	1.9	3.961	0	79.5	11	114	0	0		
N-Nitrosodi-n-propylamine	1.512	0.39	1.981	0	76.3	41	126	0	0		
Pentachlorophenol	3.106	1.9	3.961	0	78.4	17	109	0	0		
Phenol	2.857	0.39	3.961	0	72.1	26	90	0	0		
1,2,4-Trichlorobenzene	1.358	0.39	1.981	0	68.5	38	107	0	0		
Sample ID: 0206134-011BMS	SampType: MS	TestCode: SVOC_SOIL-	Units: mg/Kg-dry	Prep Date:	6/27/2002	Run ID:	SVOC-2_020629A				
Client ID: ZZZZZ	Batch ID: 3147	TestNo: SW8270C		Analysis Date:	6/30/2002	SeqNo:	74736				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloro-3-methylphenol	3.776	0.39	3.943	0	95.8	26	103	0	0		
2-Chlorophenol	3.235	0.39	3.943	0	82	25	102	0	0		
1,4-Dichlorobenzene	1.358	0.39	1.972	0	68.8	28	104	0	0		
2,4-Dinitrotoluene	1.551	0.30	1.972	0	78.7	28	89	0	0		
4-Nitrophenol	3.106	1.9	3.943	0	78.8	11	114	0	0		
N-Nitrosodi-n-propylamine	1.658	0.39	1.972	0	84.1	41	126	0	0		
Pentachlorophenol	2.91	1.9	3.943	0	73.8	17	109	0	0		
Phenol	3.077	0.39	3.943	0	78	26	90	0	0		
1,2,4-Trichlorobenzene	1.522	0.39	1.972	0	77.2	38	107	0	0		
Sample ID: 0206134-001BMSD	SampType: MSD	TestCode: SVOC_SOIL-	Units: mg/Kg-dry	Prep Date:	6/27/2002	Run ID:	SVOC-2_020629A				
Client ID: ZZZZZ	Batch ID: 3147	TestNo: SW8270C		Analysis Date:	6/29/2002	SeqNo:	74721				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloro-3-methylphenol	4.011	0.40	4.064	0	98.7	26	103	3.692	8.30	33	
2-Chlorophenol	3.321	0.40	4.064	0	81.7	25	102	2.941	12.1	50	
1,4-Dichlorobenzene	1.435	0.40	2.033	0	70.6	28	104	1.236	14.9	27	

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CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3147

Sample ID: 0206134-001BMSD	SampType: MSD	TestCode: SVOC_SOIL- Units: mg/Kg-dry			Prep Date: 6/27/2002			Run ID: SVOC-2_020629A			
Client ID: ZZZZZ	Batch ID: 3147	TestNo: SW8270C			Analysis Date: 6/29/2002			SeqNo: 74721			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-Dinitrotoluene	1.792	0.30	2.033	0	88.2	28	89	1.644	8.64	47	
4-Nitrophenol	3.259	2.0	4.064	0	80.2	11	114	3.149	3.43	50	
N-Nitrosodi-n-propylamine	1.647	0.40	2.033	0	81	41	126	1.512	8.58	38	
Pentachlorophenol	3.307	2.0	4.064	0	81.4	17	109	3.106	6.25	47	
Phenol	3.181	0.40	4.064	0	78.3	26	90	2.857	10.7	35	
1,2,4-Trichlorobenzene	1.513	0.40	2.033	0	74.4	38	107	1.358	10.8	23	
Sample ID: 0206134-011BMSD	SampType: MSD	TestCode: SVOC_SOIL- Units: mg/Kg-dry			Prep Date: 6/27/2002			Run ID: SVOC-2_020629A			
Client ID: ZZZZZ	Batch ID: 3147	TestNo: SW8270C			Analysis Date: 6/30/2002			SeqNo: 74737			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloro-3-methylphenol	3.683	0.39	3.941	0	93.4	26	103	3.776	2.50	33	
2-Chlorophenol	3.287	0.39	3.941	0	83.4	25	102	3.235	1.59	50	
1,4-Dichlorobenzene	1.388	0.39	1.971	0	70.4	28	104	1.358	2.21	27	
2,4-Dinitrotoluene	1.457	0.30	1.971	0	73.9	28	89	1.551	6.30	47	
4-Nitrophenol	2.773	1.9	3.941	0	70.3	11	114	3.106	11.3	50	
N-Nitrosodi-n-propylamine	1.694	0.39	1.971	0	85.9	41	126	1.658	2.15	38	
Pentachlorophenol	2.558	1.9	3.941	0	64.9	17	109	2.91	12.9	47	
Phenol	3.124	0.39	3.941	0	79.3	26	90	3.077	1.52	35	
1,2,4-Trichlorobenzene	1.534	0.39	1.971	0	77.8	38	107	1.522	0.819	23	

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CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3148

Sample ID: MB-3148-PNA	SampType: MBLK	TestCode: PNA_SOIL	Units: mg/Kg	Prep Date: 6/27/2002	Run ID: SVOC-3_020628A
Client ID: ZZZZZ	Batch ID: 3148	TestNo: SW8270(SIM)		Analysis Date: 6/28/2002	SeqNo: 75781
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC

Acenaphthene ND 0.025
Acenaphthylene ND 0.025
Anthracene ND 0.025
Benz(a)anthracene ND 0.025
Benzo(a)pyrene ND 0.025
Benzo(b)fluoranthene ND 0.025
Benzo(g,h,i)perylene ND 0.025
Benzo(k)fluoranthene ND 0.025
Chrysene ND 0.025
Dibenz(a,h)anthracene ND 0.025
Fluoranthene ND 0.025
Fluorene ND 0.025
Indeno(1,2,3-cd)pyrene ND 0.025
Naphthalene ND 0.025
Phenanthrene ND 0.025
Pyrene ND 0.025

Sample ID: LCS-3148-PNA	SampType: LCS	TestCode: PNA_SOIL	Units: mg/Kg	Prep Date: 6/27/2002	Run ID: SVOC-3_020628A
Client ID: ZZZZZ	Batch ID: 3148	TestNo: SW8270(SIM)		Analysis Date: 6/28/2002	SeqNo: 75782
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC

Acenaphthene 0.1727 0.025 0.167 0 103 30 130 0 0 0
Acenaphthylene 0.186 0.025 0.167 0 111 30 130 0 0 0
Anthracene 0.198 0.025 0.167 0 119 30 130 0 0 0
Benz(a)anthracene 0.1693 0.025 0.167 0 101 30 130 0 0 0
Benzo(a)pyrene 0.1817 0.025 0.167 0 109 30 130 0 0 0
Benzo(b)fluoranthene 0.1837 0.025 0.167 0 110 30 130 0 0 0
Benzo(g,h,i)perylene 0.1453 0.025 0.167 0 87 30 130 0 0 0
Benzo(k)fluoranthene 0.1753 0.025 0.167 0 105 30 130 0 0 0
Chrysene 0.169 0.025 0.167 0 101 30 130 0 0 0
Dibenz(a,h)anthracene 0.156 0.025 0.167 0 93.4 30 130 0 0 0

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CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3148

Sample ID: LCS-3148-PNA	SampType: LCS	TestCode: PNA_SOIL	Units: mg/Kg	Prep Date: 6/27/2002			Run ID: SVOC-3_020628A				
Client ID: ZZZZZ	Batch ID: 3148	TestNo: SW8270(SIM)		Analysis Date: 6/28/2002			SeqNo: 75782				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	0.1837	0.025	0.167	0	110	30	130	0	0		
Fluorene	0.1747	0.025	0.167	0	105	30	130	0	0		
Indeno(1,2,3-cd)pyrene	0.1467	0.025	0.167	0	87.8	30	130	0	0		
Naphthalene	0.155	0.025	0.167	0	92.8	30	130	0	0		
Phenanthrene	0.1673	0.025	0.167	0	100	30	130	0	0		
Pyrene	0.1813	0.025	0.167	0	109	30	130	0	0		
Sample ID: 0206134-001BMS	SampType: MS	TestCode: PNA_SOIL-B	Units: mg/Kg-dry	Prep Date: 6/27/2002			Run ID: SVOC-3_020628A				
Client ID: ZZZZZ	Batch ID: 3148	TestNo: SW8270(SIM)		Analysis Date: 6/28/2002			SeqNo: 75792				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.213	0.030	0.2006	0	106	30	130	0	0		
Acenaphthylene	0.2258	0.030	0.2006	0	113	30	130	0	0		
Anthracene	0.259	0.030	0.2006	0	129	30	130	0	0		
Benz(a)anthracene	0.2066	0.030	0.2006	0	103	30	130	0	0		
Benzo(b)fluoranthene	0.2278	0.030	0.2006	0	114	30	130	0	0		
Benzo(k)fluoranthene	0.2018	0.030	0.2006	0	101	30	130	0	0		
Benzo(g,h,i)perylene	0.1649	0.030	0.2006	0	82.2	30	130	0	0		
Benzo(a)pyrene	0.2238	0.030	0.2006	0	112	30	130	0	0		
Chrysene	0.2102	0.030	0.2006	0	105	30	130	0	0		
Dibenz(a,h)anthracene	0.183	0.030	0.2006	0	91.2	30	130	0	0		
Fluoranthene	0.2338	0.030	0.2006	0	117	30	130	0	0		
Fluorene	0.2146	0.030	0.2006	0	107	30	130	0	0		
Indeno(1,2,3-cd)pyrene	0.1705	0.030	0.2006	0	85	30	130	0	0		
Naphthalene	0.195	0.030	0.2006	0.006891	93.8	30	130	0	0		
Phenanthrene	0.2294	0.030	0.2006	0	114	30	130	0	0		
Pyrene	0.2362	0.030	0.2006	0	118	30	130	0	0		

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CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3148

Sample ID: 0206134-001BMSD	SampType: MSD	TestCode: PNA_SOIL-B Units: mg/Kg-dry			Prep Date: 6/27/2002			Run ID: SVOC-3_020628A			
Client ID: ZZZZZ	Batch ID: 3148	TestNo: SW8270(SIM)			Analysis Date: 6/28/2002			SeqNo: 75793			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.2087	0.030	0.1984	0	105	30	130	0.213	2.02	50	
Acenaphthylene	0.2198	0.030	0.1984	0	111	30	130	0.2258	2.68	50	
Anthracene	0.2551	0.030	0.1984	0	129	30	130	0.259	1.54	50	
Benz(a)anthracene	0.2103	0.030	0.1984	0	106	30	130	0.2066	1.79	50	
Benzo(b)fluoranthene	0.2293	0.030	0.1984	0	116	30	130	0.2278	0.666	50	
Benzo(k)fluoranthene	0.2024	0.030	0.1984	0	102	30	130	0.2018	0.303	50	
Benzo(g,h,i)perylene	0.1576	0.030	0.1984	0	79.4	30	130	0.1649	4.53	50	
Benzo(a)pyrene	0.2257	0.030	0.1984	0	114	30	130	0.2238	0.873	50	
Chrysene	0.2162	0.030	0.1984	0	109	30	130	0.2102	2.85	50	
Dibenz(a,h)anthracene	0.1794	0.030	0.1984	0	90.4	30	130	0.183	1.96	50	
Fluoranthene	0.2396	0.030	0.1984	0	121	30	130	0.2338	2.46	50	
Fluorene	0.2111	0.030	0.1984	0	106	30	130	0.2146	1.64	50	
Indeno(1,2,3-cd)pyrene	0.1659	0.030	0.1984	0	83.6	30	130	0.1705	2.73	50	
Naphthalene	0.1913	0.030	0.1984	0.006891	92.9	30	130	0.195	1.90	50	
Phenanthrene	0.2392	0.030	0.1984	0	121	30	130	0.2294	4.19	50	
Pyrene	0.2412	0.030	0.1984	0	122	30	130	0.2362	2.09	50	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2991

Sample ID: 0206134-011AMS	SampType: MS	TestCode: VOC_ENCOD			Units: mg/Kg-dry	Prep Date: 6/19/2002			Run ID: VOA-2_020627A		
Client ID: ZZZZZ	Batch ID: 2991	TestNo: SW5035/8260				Analysis Date: 6/27/2002			SeqNo: 73713		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.1129	0.028	0.0551	0	205	70	130	0	0	0	S
Benzene	0.04075	0.0055	0.0551	0	74	37	151	0	0	0	
Bromodichloromethane	0.03852	0.0055	0.0551	0	69.9	70	130	0	0	0	S
Bromoform	0.03225	0.0055	0.0551	0	58.5	70	130	0	0	0	S
Bromomethane	0.04056	0.011	0.0551	0	73.6	70	130	0	0	0	
2-Butanone	0.05288	0.011	0.0551	0	96	70	130	0	0	0	
Carbon disulfide	0.04277	0.0055	0.0551	0	77.6	70	130	0	0	0	
Carbon tetrachloride	0.04551	0.0055	0.0551	0	82.6	70	130	0	0	0	
Chlorobenzene	0.03657	0.0055	0.0551	0	66.4	37	160	0	0	0	
Chloroethane	0.05144	0.011	0.0551	0	93.4	70	130	0	0	0	
Chloroform	0.04216	0.0055	0.0551	0	76.5	70	130	0	0	0	
Chloromethane	0.04803	0.0055	0.0551	0	87.2	70	130	0	0	0	
Dibromochloromethane	0.03191	0.0055	0.0551	0	57.9	70	130	0	0	0	S
1,1-Dichloroethane	0.04283	0.0055	0.0551	0	77.7	70	130	0	0	0	
1,2-Dichloroethane	0.04074	0.0055	0.0551	0	73.9	70	130	0	0	0	
1,1-Dichloroethene	0.04519	0.0055	0.0551	0	82	0	234	0	0	0	
cis-1,2-Dichloroethene	0.04198	0.0055	0.0551	0	76.2	70	130	0	0	0	
trans-1,2-Dichloroethene	0.04377	0.0055	0.0551	0	79.4	70	130	0	0	0	
1,2-Dichloropropane	0.04115	0.0055	0.0551	0	74.7	70	130	0	0	0	
cis-1,3-Dichloropropene	0.03414	0.0055	0.0551	0	62	70	130	0	0	0	S
trans-1,3-Dichloropropene	0.03229	0.0055	0.0551	0	58.6	70	130	0	0	0	S
Ethylbenzene	0.04162	0.0055	0.0551	0	75.5	70	130	0	0	0	
2-Hexanone	0.04338	0.011	0.0551	0	78.7	70	130	0	0	0	
4-Methyl-2-pentanone	0.0443	0.011	0.0551	0	80.4	70	130	0	0	0	
Methylene chloride	0.04606	0.011	0.0551	0	83.6	70	130	0	0	0	
Styrene	0.03184	0.0055	0.0551	0	57.8	70	130	0	0	0	S
1,1,2,2-Tetrachloroethane	0.03487	0.0055	0.0551	0	63.3	70	130	0	0	0	S
Tetrachloroethene	0.03414	0.0055	0.0551	0	62	70	130	0	0	0	S
Toluene	0.03587	0.0055	0.0551	0	65.1	47	150	0	0	0	
1,1,1-Trichloroethane	0.04707	0.0055	0.0551	0	85.4	70	130	0	0	0	
1,1,2-Trichloroethane	0.03331	0.0055	0.0551	0	60.5	70	130	0	0	0	S

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2991

Sample ID: 0206134-011AMS	SampType: MS	TestCode: VOC_ENCODR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627A			
Client ID: ZZZZZ	Batch ID: 2991	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73713			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	0.03652	0.0055	0.0551	0	66.3	71	157	0	0	0	S
Vinyl chloride	0.0424	0.0055	0.0551	0	77	70	130	0	0	0	
m,p-Xylene	0.08333	0.0055	0.1102	0	75.6	70	130	0	0	0	
o-Xylene	0.04242	0.0055	0.0551	0	77	70	130	0	0	0	
Sample ID: 0206134-011AMSD	SampType: MSD	TestCode: VOC_ENCODR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627A			
Client ID: ZZZZZ	Batch ID: 2991	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73714			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.1225	0.031	0.06164	0	199	70	130	0.1129	8.19	25	S
Benzene	0.0461	0.0062	0.06164	0	74.8	37	151	0.04075	12.3	25	
Bromodichloromethane	0.04109	0.0062	0.06164	0	66.7	70	130	0.03852	6.45	25	S
Bromoform	0.03218	0.0062	0.06164	0	52.2	70	130	0.03225	0.239	25	S
Bromomethane	0.04936	0.012	0.06164	0	80.1	70	130	0.04056	19.6	25	
2-Butanone	0.05882	0.012	0.06164	0	95.4	70	130	0.05288	10.6	25	
Carbon disulfide	0.04963	0.0062	0.06164	0	80.5	70	130	0.04277	14.9	25	
Carbon tetrachloride	0.05193	0.0062	0.06164	0	84.2	70	130	0.04551	13.2	25	
Chlorobenzene	0.04063	0.0062	0.06164	0	65.9	37	160	0.03657	10.5	25	
Chloroethane	0.05913	0.012	0.06164	0	95.9	70	130	0.05144	13.9	25	
Chloroform	0.04796	0.0062	0.06164	0	77.8	70	130	0.04216	12.9	25	
Chloromethane	0.05847	0.0062	0.06164	0	94.9	70	130	0.04803	19.6	25	
Dibromochloromethane	0.03199	0.0062	0.06164	0	51.9	70	130	0.03191	0.249	25	S
1,1-Dichloroethane	0.04891	0.0062	0.06164	0	79.3	70	130	0.04283	13.2	25	
1,2-Dichloroethane	0.04418	0.0062	0.06164	0	71.7	70	130	0.04074	8.11	25	
1,1-Dichloroethene	0.05142	0.0062	0.06164	0	83.4	0	234	0.04519	12.9	25	
cis-1,2-Dichloroethene	0.04681	0.0062	0.06164	0	75.9	70	130	0.04198	10.9	25	
trans-1,2-Dichloroethene	0.0508	0.0062	0.06164	0	82.4	70	130	0.04377	14.9	25	
1,2-Dichloropropane	0.04468	0.0062	0.06164	0	72.5	70	130	0.04115	8.23	25	
cis-1,3-Dichloropropene	0.0361	0.0062	0.06164	0	58.6	70	130	0.03414	5.58	25	S
trans-1,3-Dichloropropene	0.03205	0.0062	0.06164	0	52	70	130	0.03229	0.726	25	S
Ethylbenzene	0.0493	0.0062	0.06164	0	80	70	130	0.04162	16.9	25	

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2991

Sample ID: 0206134-011AMSD SampType: MSD		TestCode: VOC_ENCODR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627A			
Client ID: ZZZZZ	Batch ID: 2991	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73714			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	0.04341	0.012	0.06164	0	70.4	70	130	0.04338	0.0561	25	
4-Methyl-2-pentanone	0.04605	0.012	0.06164	0	74.7	70	130	0.0443	3.87	25	
Methylene chloride	0.05219	0.012	0.06164	0	84.7	70	130	0.04606	12.5	25	
Styrene	0.03378	0.0062	0.06164	0	54.8	70	130	0.03184	5.93	25	S
1,1,2,2-Tetrachloroethane	0.03617	0.0062	0.06164	0	58.7	70	130	0.03487	3.68	25	S
Tetrachloroethene	0.03897	0.0062	0.06164	0	63.2	70	130	0.03414	13.2	25	S
Toluene	0.03928	0.0062	0.06164	0	63.7	47	150	0.03587	9.07	25	
1,1,1-Trichloroethane	0.05453	0.0062	0.06164	0	88.5	70	130	0.04707	14.7	25	
1,1,2-Trichloroethane	0.03468	0.0062	0.06164	0	56.3	70	130	0.03331	4.02	25	S
Trichloroethene	0.04185	0.0062	0.06164	0	67.9	71	157	0.03652	13.6	25	S
Vinyl chloride	0.05077	0.0062	0.06164	0	82.4	70	130	0.0424	18.0	25	
m,p-Xylene	0.09715	0.0062	0.1233	0	78.8	70	130	0.08333	15.3	25	
o-Xylene	0.0487	0.0062	0.06164	0	79	70	130	0.04242	13.8	25	

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

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 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2992

Sample ID: 0206134-001AMS	SampType: MS	TestCode: VOC_ENCOR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627B			
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73849			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.1594	0.038	0.07586	0.02873	172	70	130	0	0	0	S
Benzene	0.0699	0.0076	0.07586	0	92.1	37	151	0	0	0	
Bromodichloromethane	0.0649	0.0076	0.07586	0	85.6	70	130	0	0	0	
Bromoform	0.05486	0.0076	0.07586	0	72.3	70	130	0	0	0	
Bromomethane	0.07461	0.015	0.07586	0	98.4	70	130	0	0	0	
2-Butanone	0.1017	0.015	0.07586	0	134	70	130	0	0	0	S
Carbon disulfide	0.08359	0.0076	0.07586	0.0009222	109	70	130	0	0	0	
Carbon tetrachloride	0.07543	0.0076	0.07586	0	99.4	70	130	0	0	0	
Chlorobenzene	0.06305	0.0076	0.07586	0	83.1	37	160	0	0	0	
Chloroethane	0.08705	0.015	0.07586	0	115	70	130	0	0	0	
Chloroform	0.06929	0.0076	0.07586	0	91.3	70	130	0	0	0	
Chloromethane	0.08376	0.0076	0.07586	0	110	70	130	0	0	0	
Dibromochloromethane	0.05463	0.0076	0.07586	0	72	70	130	0	0	0	
1,1-Dichloroethane	0.07064	0.0076	0.07586	0	93.1	70	130	0	0	0	
1,2-Dichloroethane	0.06979	0.0076	0.07586	0	92	70	130	0	0	0	
1,1-Dichloroethene	0.08048	0.0076	0.07586	0	106	0	234	0	0	0	
cis-1,2-Dichloroethene	0.07229	0.0076	0.07586	0	95.3	70	130	0	0	0	
trans-1,2-Dichloroethene	0.07683	0.0076	0.07586	0	101	70	130	0	0	0	
1,2-Dichloropropane	0.06768	0.0076	0.07586	0	89.2	70	130	0	0	0	
cis-1,3-Dichloropropene	0.06141	0.0076	0.07586	0	81	70	130	0	0	0	
trans-1,3-Dichloropropene	0.06214	0.0076	0.07586	0	81.9	70	130	0	0	0	
Ethylbenzene	0.07106	0.0076	0.07586	0	93.7	70	130	0	0	0	
2-Hexanone	0.07483	0.015	0.07586	0	98.6	70	130	0	0	0	
4-Methyl-2-pentanone	0.07144	0.015	0.07586	0	94.2	70	130	0	0	0	
Methylene chloride	0.07757	0.015	0.07586	0	102	70	130	0	0	0	
Styrene	0.05641	0.0076	0.07586	0	74.4	70	130	0	0	0	
1,1,2,2-Tetrachloroethane	0.05336	0.0076	0.07586	0	70.3	70	130	0	0	0	
Tetrachloroethene	0.06164	0.0076	0.07586	0	81.3	70	130	0	0	0	
Toluene	0.0619	0.0076	0.07586	0	81.6	47	150	0	0	0	
1,1,1-Trichloroethane	0.07716	0.0076	0.07586	0	102	70	130	0	0	0	
1,1,2-Trichloroethane	0.05589	0.0076	0.07586	0	73.7	70	130	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2992

Sample ID: 0206134-001AMS	SampType: MS	TestCode: VOC_ENCOD			Units: mg/Kg-dry	Prep Date: 6/19/2002			Run ID: VOA-2_020627B		
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260				Analysis Date: 6/27/2002			SeqNo: 73849		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	0.06557	0.0076	0.07586	0	86.4	71	157	0	0		
Vinyl chloride	0.07595	0.0076	0.07586	0	100	70	130	0	0		
m,p-Xylene	0.1421	0.0076	0.1517	0	93.6	70	130	0	0		
o-Xylene	0.06983	0.0076	0.07586	0	92.1	70	130	0	0		
Sample ID: 0206134-011AMS	SampType: MS	TestCode: VOC_ENCOD			Units: mg/Kg-dry	Prep Date: 6/19/2002			Run ID: VOA-2_020627B		
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260				Analysis Date: 6/27/2002			SeqNo: 73851		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.1212	0.035	0.0691	0	175	70	130	0	0		S
Benzene	0.05853	0.0069	0.0691	0	84.7	37	151	0	0		
Bromodichloromethane	0.05431	0.0069	0.0691	0	78.6	70	130	0	0		
Bromoform	0.0499	0.0069	0.0691	0	72.2	70	130	0	0		
Bromomethane	0.06482	0.014	0.0691	0	93.8	70	130	0	0		
2-Butanone	0.07246	0.014	0.0691	0	105	70	130	0	0		
Carbon disulfide	0.06446	0.0069	0.0691	0	93.3	70	130	0	0		
Carbon tetrachloride	0.06252	0.0069	0.0691	0	90.5	70	130	0	0		
Chlorobenzene	0.05311	0.0069	0.0691	0	76.9	37	160	0	0		
Chloroethane	0.07332	0.014	0.0691	0	106	70	130	0	0		
Chloroform	0.05727	0.0069	0.0691	0	82.9	70	130	0	0		
Chloromethane	0.07593	0.0069	0.0691	0	110	70	130	0	0		
Dibromochloromethane	0.04747	0.0069	0.0691	0	68.7	70	130	0	0		S
1,1-Dichloroethane	0.05723	0.0069	0.0691	0	82.8	70	130	0	0		
1,2-Dichloroethane	0.05709	0.0069	0.0691	0	82.6	70	130	0	0		
1,1-Dichloroethene	0.06574	0.0069	0.0691	0	95.1	0	234	0	0		
cis-1,2-Dichloroethene	0.0573	0.0069	0.0691	0	82.9	70	130	0	0		
trans-1,2-Dichloroethene	0.06015	0.0069	0.0691	0	87	70	130	0	0		
1,2-Dichloropropane	0.0576	0.0069	0.0691	0	83.4	70	130	0	0		
cis-1,3-Dichloropropene	0.05122	0.0069	0.0691	0	74.1	70	130	0	0		
trans-1,3-Dichloropropene	0.04898	0.0069	0.0691	0	70.9	70	130	0	0		
Ethylbenzene	0.05945	0.0069	0.0691	0	86	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2992

Sample ID: 0206134-011AMS		SampType: MS	TestCode: VOC_ENCODR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627B		
Client ID: ZZZZZ	Batch ID: 2992		TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73851		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	0.06284	0.014	0.0691	0	90.9	70	130	0	0	0	
4-Methyl-2-pentanone	0.06209	0.014	0.0691	0	89.9	70	130	0	0	0	
Methylene chloride	0.06603	0.014	0.0691	0	95.6	70	130	0	0	0	
Styrene	0.04621	0.0069	0.0691	0	66.9	70	130	0	0	0	S
1,1,2,2-Tetrachloroethane	0.05236	0.0069	0.0691	0	75.8	70	130	0	0	0	
Tetrachloroethene	0.04874	0.0069	0.0691	0	70.5	70	130	0	0	0	
Toluene	0.05107	0.0069	0.0691	0	73.9	47	150	0	0	0	
1,1,1-Trichloroethane	0.06559	0.0069	0.0691	0	94.9	70	130	0	0	0	
1,1,2-Trichloroethane	0.05017	0.0069	0.0691	0	72.6	70	130	0	0	0	
Trichloroethene	0.05318	0.0069	0.0691	0	77	71	157	0	0	0	
Vinyl chloride	0.05409	0.0069	0.0691	0	78.3	70	130	0	0	0	
m,p-Xylene	0.121	0.0069	0.1382	0	87.6	70	130	0	0	0	
o-Xylene	0.06258	0.0069	0.0691	0	90.6	70	130	0	0	0	

Sample ID: 0206134-001AMSD		SampType: MSD	TestCode: VOC_ENCODR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627B		
Client ID: ZZZZZ	Batch ID: 2992		TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73850		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.1035	0.029	0.05884	0.02873	127	70	130	0.1594	42.6	25	R
Benzene	0.04188	0.0059	0.05884	0	71.2	37	151	0.0699	50.1	25	R
Bromodichloromethane	0.03614	0.0059	0.05884	0	61.4	70	130	0.0649	56.9	25	SR
Bromoform	0.02454	0.0059	0.05884	0	41.7	70	130	0.05486	76.4	25	SR
Bromomethane	0.05331	0.012	0.05884	0	90.6	70	130	0.07461	33.3	25	R
2-Butanone	0.06579	0.012	0.05884	0	112	70	130	0.1017	42.8	25	R
Carbon disulfide	0.0524	0.0059	0.05884	0.0009222	87.5	70	130	0.08359	45.9	25	R
Carbon tetrachloride	0.04569	0.0059	0.05884	0	77.7	70	130	0.07543	49.1	25	R
Chlorobenzene	0.0317	0.0059	0.05884	0	53.9	37	160	0.06305	66.2	25	R
Chloroethane	0.06018	0.012	0.05884	0	102	70	130	0.08705	36.5	25	R
Chloroform	0.04122	0.0059	0.05884	0	70.1	70	130	0.06929	50.8	25	R
Chloromethane	0.0588	0.0059	0.05884	0	99.9	70	130	0.08376	35.0	25	R
Dibromochloromethane	0.02818	0.0059	0.05884	0	47.9	70	130	0.05463	63.9	25	SR

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2992

Sample ID: 0206134-001AMSD	SampType: MSD	TestCode: VOC_ENCOR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627B			
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73850			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	0.04308	0.0059	0.05884	0	73.2	70	130	0.07064	48.5	25	R
1,2-Dichloroethane	0.04007	0.0059	0.05884	0	68.1	70	130	0.06979	54.1	25	SR
1,1-Dichloroethene	0.04947	0.0059	0.05884	0	84.1	0	234	0.08048	47.7	25	R
cis-1,2-Dichloroethene	0.0427	0.0059	0.05884	0	72.6	70	130	0.07229	51.5	25	R
trans-1,2-Dichloroethene	0.04767	0.0059	0.05884	0	81	70	130	0.07683	46.8	25	R
1,2-Dichloropropane	0.03902	0.0059	0.05884	0	66.3	70	130	0.06768	53.7	25	SR
cis-1,3-Dichloropropene	0.03453	0.0059	0.05884	0	58.7	70	130	0.06141	56.1	25	SR
trans-1,3-Dichloropropene	0.03322	0.0059	0.05884	0	56.5	70	130	0.06214	60.7	25	SR
Ethylbenzene	0.03646	0.0059	0.05884	0	62	70	130	0.07106	64.4	25	SR
2-Hexanone	0.03943	0.012	0.05884	0	67	70	130	0.07483	62.0	25	SR
4-Methyl-2-pentanone	0.04007	0.012	0.05884	0	68.1	70	130	0.07144	56.3	25	SR
Methylene chloride	0.04935	0.012	0.05884	0	83.9	70	130	0.07757	44.5	25	R
Styrene	0.02739	0.0059	0.05884	0	46.6	70	130	0.05641	69.2	25	SR
1,1,2,2-Tetrachloroethane	0.02432	0.0059	0.05884	0	41.3	70	130	0.05336	74.8	25	SR
Tetrachloroethene	0.03508	0.0059	0.05884	0	59.6	70	130	0.06164	54.9	25	SR
Toluene	0.03494	0.0059	0.05884	0	59.4	47	150	0.0619	55.7	25	R
1,1,1-Trichloroethane	0.04706	0.0059	0.05884	0	80	70	130	0.07716	48.5	25	R
1,1,2-Trichloroethane	0.03089	0.0059	0.05884	0	52.5	70	130	0.05589	57.6	25	SR
Trichloroethene	0.03773	0.0059	0.05884	0	64.1	71	157	0.06557	53.9	25	SR
Vinyl chloride	0.04909	0.0059	0.05884	0	83.4	70	130	0.07595	43.0	25	R
m,p-Xylene	0.07326	0.0059	0.1177	0	62.3	70	130	0.1421	63.9	25	SR
o-Xylene	0.03603	0.0059	0.05884	0	61.2	70	130	0.06983	63.9	25	SR

Sample ID: 0206134-011AMSD	SampType: MSD	TestCode: VOC_ENCOR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627B			
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73853			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.154	0.032	0.06429	0	240	70	130	0.1212	23.9	25	S
Benzene	0.04995	0.0064	0.06429	0	77.7	37	151	0.05853	15.8	25	
Bromodichloromethane	0.04389	0.0064	0.06429	0	68.3	70	130	0.05431	21.2	25	S
Bromoform	0.0381	0.0064	0.06429	0	59.3	70	130	0.0499	26.8	25	SR

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2992

Sample ID: 0206134-011AMSD SampType: MSD		TestCode: VOC_ENCODR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627B			
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73853			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	0.06617	0.013	0.06429	0	103	70	130	0.06482	2.06	25	
2-Butanone	0.06636	0.013	0.06429	0	103	70	130	0.07246	8.79	25	
Carbon disulfide	0.06117	0.0064	0.06429	0	95.1	70	130	0.06446	5.24	25	
Carbon tetrachloride	0.05776	0.0064	0.06429	0	89.8	70	130	0.06252	7.92	25	
Chlorobenzene	0.04482	0.0064	0.06429	0	69.7	37	160	0.05311	16.9	25	
Chloroethane	0.07093	0.013	0.06429	0	110	70	130	0.07332	3.31	25	
Chloroform	0.05088	0.0064	0.06429	0	79.1	70	130	0.05727	11.8	25	
Chloromethane	0.0734	0.0064	0.06429	0	114	70	130	0.07593	3.39	25	
Dibromochloromethane	0.03377	0.0064	0.06429	0	52.5	70	130	0.04747	33.7	25	SR
1,1-Dichloroethane	0.05255	0.0064	0.06429	0	81.7	70	130	0.05723	8.52	25	
1,2-Dichloroethane	0.04633	0.0064	0.06429	0	72.1	70	130	0.05709	20.8	25	
1,1-Dichloroethene	0.06153	0.0064	0.06429	0	95.7	0	234	0.06574	6.63	25	
cis-1,2-Dichloroethene	0.05066	0.0064	0.06429	0	78.8	70	130	0.0573	12.3	25	
trans-1,2-Dichloroethene	0.05497	0.0064	0.06429	0	85.5	70	130	0.06015	8.99	25	
1,2-Dichloropropane	0.04857	0.0064	0.06429	0	75.5	70	130	0.0576	17.0	25	
cis-1,3-Dichloropropene	0.03899	0.0064	0.06429	0	60.6	70	130	0.05122	27.1	25	SR
trans-1,3-Dichloropropene	0.03537	0.0064	0.06429	0	55	70	130	0.04898	32.3	25	SR
Ethylbenzene	0.05393	0.0064	0.06429	0	83.9	70	130	0.05945	9.75	25	
2-Hexanone	0.04817	0.013	0.06429	0	74.9	70	130	0.06284	26.4	25	R
4-Methyl-2-pentanone	0.05102	0.013	0.06429	0	79.4	70	130	0.06209	19.6	25	
Methylene chloride	0.06227	0.013	0.06429	0	96.9	70	130	0.06603	5.86	25	
Styrene	0.03699	0.0064	0.06429	0	57.5	70	130	0.04621	22.2	25	S
1,1,2,2-Tetrachloroethane	0.04481	0.0064	0.06429	0	69.7	70	130	0.05236	15.5	25	S
Tetrachloroethene	0.04014	0.0064	0.06429	0	62.4	70	130	0.04874	19.4	25	S
Toluene	0.04162	0.0064	0.06429	0	64.7	47	150	0.05107	20.4	25	
1,1,1-Trichloroethane	0.06037	0.0064	0.06429	0	93.9	70	130	0.06559	8.29	25	
1,1,2-Trichloroethane	0.0377	0.0064	0.06429	0	58.6	70	130	0.05017	28.4	25	SR
Trichloroethene	0.04427	0.0064	0.06429	0	68.9	71	157	0.05318	18.3	25	S
Vinyl chloride	0.05511	0.0064	0.06429	0	85.7	70	130	0.05409	1.86	25	
m,p-Xylene	0.1074	0.0064	0.1286	0	83.6	70	130	0.121	11.9	25	
o-Xylene	0.05737	0.0064	0.06429	0	89.2	70	130	0.06258	8.68	25	

Qualifiers: ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3780

Sample ID: VBLK062702-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-2_020627A						
Client ID: ZZZZZ	Batch ID: R3780	TestNo: SW5035/8260		Analysis Date: 6/27/2002	SeqNo: 73708						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.0050									
1,1,2,2-Tetrachloroethane	ND	0.0050									
1,1,2-Trichloroethane	ND	0.0050									
1,1-Dichloroethane	ND	0.0050									
1,1-Dichloroethene	ND	0.0050									
1,2-Dichloroethane	ND	0.0050									
1,2-Dichloropropane	ND	0.0050									
2-Butanone	ND	0.010									
2-Hexanone	ND	0.010									
4-Methyl-2-pentanone	ND	0.010									
Acetone	ND	0.025									
Benzene	ND	0.0050									
Bromodichloromethane	ND	0.0050									
Bromoform	ND	0.0050									
Bromomethane	ND	0.010									
Carbon disulfide	ND	0.0050									
Carbon tetrachloride	ND	0.0050									
Chlorobenzene	ND	0.0050									
Chloroethane	ND	0.010									
Chloroform	ND	0.0050									
Chloromethane	ND	0.010									
cis-1,2-Dichloroethene	ND	0.0050									
cis-1,3-Dichloropropene	ND	0.0050									
Dibromochloromethane	ND	0.0050									
Ethylbenzene	ND	0.0050									
m,p-Xylene	ND	0.0050									
Methylene chloride	ND	0.010									
o-Xylene	ND	0.0050									
Styrene	ND	0.0050									
Tetrachloroethene	ND	0.0050									
Toluene	ND	0.0050									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3780

Sample ID: VBLK062702-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-2_020627A
Client ID: ZZZZZ	Batch ID: R3780	TestNo: SW5035/8260		Analysis Date: 6/27/2002	SeqNo: 73708
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

trans-1,2-Dichloroethene ND 0.0050
trans-1,3-Dichloropropene ND 0.0050
Trichloroethene ND 0.0050
Vinyl chloride ND 0.0050

Sample ID: VLCS062702r-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-2_020627A
Client ID: ZZZZZ	Batch ID: R3780	TestNo: SW5035/8260		Analysis Date: 6/27/2002	SeqNo: 73709
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

1,1,1-Trichloroethane 0.05238 0.0050 0.05 0 105 70 130 0 0 0
1,1,2,2-Tetrachloroethane 0.04918 0.0050 0.05 0 98.4 70 130 0 0 0
1,1,2-Trichloroethane 0.0497 0.0050 0.05 0 99.4 70 130 0 0 0
1,1-Dichloroethane 0.04704 0.0050 0.05 0 94.1 70 130 0 0 0
1,1-Dichloroethene 0.05314 0.0050 0.05 0 106 70 130 0 0 0
1,2-Dichloroethane 0.05039 0.0050 0.05 0 101 70 130 0 0 0
1,2-Dichloropropane 0.05053 0.0050 0.05 0 101 70 130 0 0 0
2-Butanone 0.05717 0.010 0.05 0 114 70 130 0 0 0
2-Hexanone 0.05636 0.010 0.05 0 113 70 130 0 0 0
4-Methyl-2-pentanone 0.04895 0.010 0.05 0 97.9 70 130 0 0 0
Acetone 0.06114 0.025 0.05 0 122 70 130 0 0 0
Benzene 0.05144 0.0050 0.05 0 103 70 130 0 0 0
Bromodichloromethane 0.05288 0.0050 0.05 0 106 70 130 0 0 0
Bromoform 0.05776 0.0050 0.05 0 116 70 130 0 0 0
Bromomethane 0.04688 0.010 0.05 0 93.8 70 130 0 0 0
Carbon disulfide 0.05621 0.0050 0.05 0 112 70 130 0 0 0
Carbon tetrachloride 0.05275 0.0050 0.05 0 106 70 130 0 0 0
Chlorobenzene 0.05495 0.0050 0.05 0 110 70 130 0 0 0
Chloroethane 0.05565 0.010 0.05 0 111 70 130 0 0 0
Chloroform 0.04952 0.0050 0.05 0 99 70 130 0 0 0
Chloromethane 0.05028 0.010 0.05 0 101 70 130 0 0 0
cis-1,2-Dichloroethene 0.05059 0.0050 0.05 0 101 70 130 0 0 0

Qualifiers: ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3780

Sample ID: VLCS062702r-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-2_020627A				
Client ID: ZZZZZ	Batch ID: R3780	TestNo: SW5035/8260		Analysis Date: 6/27/2002			SeqNo: 73709				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	0.05485	0.0050	0.05	0	110	70	130	0	0	0	
Dibromochloromethane	0.05315	0.0050	0.05	0	106	70	130	0	0	0	
Ethylbenzene	0.0549	0.0050	0.05	0	110	70	130	0	0	0	
m,p-Xylene	0.113	0.0050	0.1	0	113	70	130	0	0	0	
Methylene chloride	0.05023	0.010	0.05	0	100	70	130	0	0	0	
o-Xylene	0.0555	0.0050	0.05	0	111	70	130	0	0	0	
Styrene	0.0539	0.0050	0.05	0	108	70	130	0	0	0	
Tetrachloroethene	0.05381	0.0050	0.05	0	108	70	130	0	0	0	
Toluene	0.05122	0.0050	0.05	0	102	70	130	0	0	0	
trans-1,2-Dichloroethene	0.053	0.0050	0.05	0	106	70	130	0	0	0	
trans-1,3-Dichloropropene	0.06026	0.0050	0.05	0	121	70	130	0	0	0	
Trichloroethene	0.05415	0.0050	0.05	0	108	70	130	0	0	0	
Vinyl chloride	0.04428	0.0050	0.05	0	88.6	70	130	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3789

Sample ID: VBLK062702A-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-2_020627B						
Client ID: ZZZZZ	Batch ID: R3789	TestNo: SW5035/8260		Analysis Date: 6/27/2002	SeqNo: 73847						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.0050									
1,1,2,2-Tetrachloroethane	ND	0.0050									
1,1,2-Trichloroethane	ND	0.0050									
1,1-Dichloroethane	ND	0.0050									
1,1-Dichloroethene	ND	0.0050									
1,2-Dichloroethane	ND	0.0050									
1,2-Dichloropropane	ND	0.0050									
2-Butanone	ND	0.010									
2-Hexanone	ND	0.010									
4-Methyl-2-pentanone	ND	0.010									
Acetone	ND	0.025									
Benzene	ND	0.0050									
Bromodichloromethane	ND	0.0050									
Bromoform	ND	0.0050									
Bromomethane	ND	0.010									
Carbon disulfide	ND	0.0050									
Carbon tetrachloride	ND	0.0050									
Chlorobenzene	ND	0.0050									
Chloroethane	ND	0.010									
Chloroform	ND	0.0050									
Chloromethane	ND	0.010									
cis-1,2-Dichloroethene	ND	0.0050									
cis-1,3-Dichloropropene	ND	0.0050									
Dibromochloromethane	ND	0.0050									
Ethylbenzene	ND	0.0050									
m,p-Xylene	ND	0.0050									
Methylene chloride	ND	0.010									
o-Xylene	ND	0.0050									
Styrene	ND	0.0050									
Tetrachloroethene	ND	0.0050									
Toluene	ND	0.0050									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3789

Sample ID: VBLK062702A-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-2_020627B						
Client ID: ZZZZZ	Batch ID: R3789	TestNo: SW5035/8260		Analysis Date: 6/27/2002	SeqNo: 73847						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

trans-1,2-Dichloroethene	ND	0.0050
trans-1,3-Dichloropropene	ND	0.0050
Trichloroethene	ND	0.0050
Vinyl chloride	ND	0.0050

Sample ID: VLCS062702A-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-2_020627B						
Client ID: ZZZZZ	Batch ID: R3789	TestNo: SW5035/8260		Analysis Date: 6/27/2002	SeqNo: 73848						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1-Trichloroethane	0.04647	0.0050	0.05	0	92.9	70	130	0	0	0
1,1,2,2-Tetrachloroethane	0.04315	0.0050	0.05	0	86.3	70	130	0	0	0
1,1,2-Trichloroethane	0.04407	0.0050	0.05	0	88.1	70	130	0	0	0
1,1-Dichloroethane	0.04215	0.0050	0.05	0	84.3	70	130	0	0	0
1,1-Dichloroethene	0.04662	0.0050	0.05	0	93.2	70	130	0	0	0
1,2-Dichloroethane	0.04488	0.0050	0.05	0	89.8	70	130	0	0	0
1,2-Dichloropropane	0.04542	0.0050	0.05	0	90.8	70	130	0	0	0
2-Butanone	0.04493	0.010	0.05	0	89.9	70	130	0	0	0
2-Hexanone	0.04449	0.010	0.05	0	89	70	130	0	0	0
4-Methyl-2-pentanone	0.04282	0.010	0.05	0	85.6	70	130	0	0	0
Acetone	0.04789	0.025	0.05	0	95.8	70	130	0	0	0
Benzene	0.04446	0.0050	0.05	0	88.9	70	130	0	0	0
Bromodichloromethane	0.04566	0.0050	0.05	0	91.3	70	130	0	0	0
Bromoform	0.0491	0.0050	0.05	0	98.2	70	130	0	0	0
Bromomethane	0.03571	0.010	0.05	0	71.4	70	130	0	0	0
Carbon disulfide	0.04922	0.0050	0.05	0	98.4	70	130	0	0	0
Carbon tetrachloride	0.04553	0.0050	0.05	0	91.1	70	130	0	0	0
Chlorobenzene	0.04718	0.0050	0.05	0	94.4	70	130	0	0	0
Chloroethane	0.04629	0.010	0.05	0	92.6	70	130	0	0	0
Chloroform	0.04388	0.0050	0.05	0	87.8	70	130	0	0	0
Chloromethane	0.04246	0.010	0.05	0	84.9	70	130	0	0	0
cis-1,2-Dichloroethene	0.04484	0.0050	0.05	0	89.7	70	130	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3789

Sample ID:	VLCS062702A-2	SampType:	LCS	TestCode:	VOC_5035+	Units:	mg/Kg	Prep Date:			Run ID: VOA-2_020627B		
Client ID:	ZZZZZ	Batch ID:	R3789	TestNo:	SW5035/8260	Analysis Date:			6/27/2002	SeqNo: 73848			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
cis-1,3-Dichloropropene		0.04656	0.0050	0.05	0	93.1	70	130	0	0	0		
Dibromochloromethane		0.04595	0.0050	0.05	0	91.9	70	130	0	0	0		
Ethylbenzene		0.04685	0.0050	0.05	0	93.7	70	130	0	0	0		
m,p-Xylene		0.09482	0.0050	0.1	0	94.8	70	130	0	0	0		
Methylene chloride		0.04695	0.010	0.05	0	93.9	70	130	0	0	0		
o-Xylene		0.04752	0.0050	0.05	0	95	70	130	0	0	0		
Styrene		0.04732	0.0050	0.05	0	94.6	70	130	0	0	0		
Tetrachloroethene		0.04406	0.0050	0.05	0	88.1	70	130	0	0	0		
Toluene		0.0441	0.0050	0.05	0	88.2	70	130	0	0	0		
trans-1,2-Dichloroethene		0.04646	0.0050	0.05	0	92.9	70	130	0	0	0		
trans-1,3-Dichloropropene		0.05223	0.0050	0.05	0	104	70	130	0	0	0		
Trichloroethene		0.04528	0.0050	0.05	0	90.6	70	130	0	0	0		
Vinyl chloride		0.03985	0.0050	0.05	0	79.7	70	130	0	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0207119
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3112

Sample ID: TCNMBS2 062102	SampType: MBLK	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/21/2002	Run ID: LACHAT_020626C						
Client ID: ZZZZZ	Batch ID: 3112	TestNo: SW9012A		Analysis Date: 6/26/2002	SeqNo: 72949						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND	0.25									
Sample ID: TCNLCSS2 062102	SampType: LCS	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/21/2002	Run ID: LACHAT_020626C						
Client ID: ZZZZZ	Batch ID: 3112	TestNo: SW9012A		Analysis Date: 6/26/2002	SeqNo: 72950						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	13.39	0.25	12.5	0	107	90	110	0	0		
Sample ID: TCNLCSDS2 062102	SampType: LCSD	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/21/2002	Run ID: LACHAT_020626C						
Client ID: ZZZZZ	Batch ID: 3112	TestNo: SW9012A		Analysis Date: 6/26/2002	SeqNo: 72951						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	13.4	0.25	12.5	0	107	90	110	13.39	0.0355	20	
Sample ID: 0206134-001BMS	SampType: MS	TestCode: cn_Ts	Units: mg/Kg-dry	Prep Date: 6/21/2002	Run ID: LACHAT_020626C						
Client ID: ZZZZZ	Batch ID: 3112	TestNo: SW9012A		Analysis Date: 6/26/2002	SeqNo: 72953						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	13.01	0.31	15.26	0	85.3	75	125	0	0		
Sample ID: 0206134-001BMSD	SampType: MSD	TestCode: cn_Ts	Units: mg/Kg-dry	Prep Date: 6/21/2002	Run ID: LACHAT_020626C						
Client ID: ZZZZZ	Batch ID: 3112	TestNo: SW9012A		Analysis Date: 6/26/2002	SeqNo: 72954						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	12.95	0.31	15.26	0	84.8	75	125	13.01	0.497	20	

Qualifiers:
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B - Analyte detected in the associated Method Blank



Request for Chemical Analysis and Chain of Custody Record

Burns & McDonnell Engineering
2601 W. 22nd St
Oak Brook, Illinois 60523
Phone: (630) 990-0300 Fax: (630) 990-0301

Attention: Margret Kelley
Project Number: 2011-8

Project Number: 29168

Site Name: Hawthorne Parcel 1

Laboratory: Stat Analysis Corp
Address: 2201 W. Campbell Dr
City/State/Zip: Chicago IL 60612
Telephone: 312-733-0551

Document Control No: 14A S-005 (Parcel 2)

Lab. Reference No. or Episode No.: ~~07061346~~

Project Number: 29168							Sample Type			Number of Containers	Remarks	
Site Name: Hawthorne Parcel 2							Matrix					
Sample Number		Sample Event		Sample Depth (in feet)		Sample Collected		Liquid	Solid	Gas		
Group or SWMU Name	Sample Point	Sample Designator	Round	Year	From	To	Date	Time				
HAS	SP1	001			2'	3'	6/18/02	3:05	✓		4	/ / / / / /
HAS	SP13	002			10'	11'	6/18/02	3:20 pm	✓		4	/ / / / / /
HAS	SP14A	001			2'	3'	6/18/02	3:45pm	✓		4	/ / / / / /
HAS	SP14B	001			6.5'	7.5'	6/18/02	4:05pm	✓		4	/ / / / / /
HAS	SP16	001			3'	4'	6/18/02	4:40pm	✓		4	/ / / / / /

Sampler (signature):

Christy Barry

Sampler (signature):

Custody Seal Number
0618003
0618004

Special Instructions:

Special Instructions: 5 day turn around time

Relinquished RJ (signature)

Relinquished By (signature):
1. Kathy Hibben

Date/Time

Received By (signature):

Date/Time
6-18-01 51:

Ice Present in Container:
Yes No

Temperature Upon Receipt:
78

[Signature]
Belinguished By

Relinquished By (signature):
2. *Ski Gove*

Date/Time
6-18-21 6:1

Received By (signature):

Date/Time
6/16/02 10

Laboratory Comments:

STAT Analysis Corporation

*2201 West Campbell Park Drive Chicago, IL 60612-3547 312.733.0551 Fax:312.733.2386
e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-*

July 24, 2002

Margaret Kelley
Burns & McDonnell
2601 W. 22nd Street
OakBrook, IL 60523-1229
Telephone: (630) 990-0300
Fax: (630) 990-0301

RE 29168, Hawthorne Parcel 2

STAT Project No 0206148

Dear Margaret Kelley:

STAT Analysis received 24 samples for the referenced project on 06/19/02. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except where noted in the Case Narrative.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla
Project Manager

Client: Burns & McDonnell
Project: 29168, Hawthorne Parcel 2
Lab Order: 0206148

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0206148-001A	HAS SP16 002	7'-8'	6/18/2002 5:05:00 PM	6/19/2002
0206148-001B	HAS SP16 002	7'-8'	6/18/2002 5:05:00 PM	6/19/2002
0206148-002A	HAS SP17 001	1'-2'	6/18/2002 5:45:00 PM	6/19/2002
0206148-002B	HAS SP17 001	1'-2'	6/18/2002 5:45:00 PM	6/19/2002
0206148-003A	HAS SP18 001	2'-3'	6/18/2002 6:05:00 PM	6/19/2002
0206148-003B	HAS SP18 001	2'-3'	6/18/2002 6:05:00 PM	6/19/2002
0206148-004A	HAS SP18 002	8'-9'	6/18/2002 6:20:00 PM	6/19/2002
0206148-004B	HAS SP18 002	8'-9'	6/18/2002 6:20:00 PM	6/19/2002
0206148-005A	HAS SP19 001	1'-3'	6/19/2002 8:00:00 AM	6/19/2002
0206148-005B	HAS SP19 001	1'-3'	6/19/2002 8:00:00 AM	6/19/2002
0206148-006A	HAS SP19 002	5'-6'	6/19/2002 8:20:00 AM	6/19/2002
0206148-006B	HAS SP19 002	5'-6'	6/19/2002 8:20:00 AM	6/19/2002
0206148-007A	HAS SP20 001	0.5'-1.5'	6/19/2002 8:35:00 AM	6/19/2002
0206148-007B	HAS SP20 001	0.5'-1.5'	6/19/2002 8:35:00 AM	6/19/2002
0206148-008A	HAS SP20 002	3'-4'	6/19/2002 8:40:00 AM	6/19/2002
0206148-008B	HAS SP20 002	3'-4'	6/19/2002 8:40:00 AM	6/19/2002
0206148-009A	HAS SP20 003	9'-10'	6/19/2002 8:45:00 AM	6/19/2002
0206148-009B	HAS SP20 003	9'-10'	6/19/2002 8:45:00 AM	6/19/2002
0206148-010A	HAS SP21B 001	2'-3'	6/19/2002 9:45:00 AM	6/19/2002
0206148-010B	HAS SP21B 001	2'-3'	6/19/2002 9:45:00 AM	6/19/2002
0206148-011A	HAS SP22B 001	2'-3'	6/19/2002 10:10:00 AM	6/19/2002
0206148-011B	HAS SP22B 001	2'-3'	6/19/2002 10:10:00 AM	6/19/2002
0206148-012A	HAS SP22B 002	7'-8'	6/19/2002 10:30:00 AM	6/19/2002
0206148-012B	HAS SP22B 002	7'-8'	6/19/2002 10:30:00 AM	6/19/2002
0206148-013A	HAS SP23 001	1'-2'	6/19/2002 11:00:00 AM	6/19/2002
0206148-013B	HAS SP23 001	1'-2'	6/19/2002 11:00:00 AM	6/19/2002
0206148-014A	HAS SP23 002	9'-10'	6/19/2002 11:20:00 AM	6/19/2002
0206148-014B	HAS SP23 002	9'-10'	6/19/2002 11:20:00 AM	6/19/2002
0206148-015A	HAS SP24 001	9'-10'	6/19/2002 11:45:00 AM	6/19/2002
0206148-015B	HAS SP24 001	9'-10'	6/19/2002 11:45:00 AM	6/19/2002
0206148-016A	HAS SP25 001	1'-2'	6/19/2002 1:05:00 PM	6/19/2002
0206148-016B	HAS SP25 001	1'-2'	6/19/2002 1:05:00 PM	6/19/2002
0206148-017A	HAS SP25 002	6'-7'	6/19/2002 1:20:00 PM	6/19/2002
0206148-017B	HAS SP25 002	6'-7'	6/19/2002 1:20:00 PM	6/19/2002
0206148-018A	HAS SP26 001	2'-3'	6/19/2002 1:35:00 PM	6/19/2002
0206148-018B	HAS SP26 001	2'-3'	6/19/2002 1:35:00 PM	6/19/2002
0206148-019A	HAS SP26 002	4'-5'	6/19/2002 1:50:00 PM	6/19/2002
0206148-019B	HAS SP26 002	4'-5'	6/19/2002 1:50:00 PM	6/19/2002

Client: Burns & McDonnell
Project: 29168, Hawthorne Parcel 2
Lab Order: 0206148

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0206148-020A	HAS SP27 001	2'-3'	6/19/2002 2:10:00 PM	6/19/2002
0206148-020B	HAS SP27 001	2'-3'	6/19/2002 2:10:00 PM	6/19/2002
0206148-021A	HAS SP27 002	4'-8'	6/19/2002 2:30:00 PM	6/19/2002
0206148-021B	HAS SP27 002	4'-8'	6/19/2002 2:30:00 PM	6/19/2002
0206148-022A	HAS SP28 001	1'-2'	6/19/2002 2:45:00 PM	6/19/2002
0206148-022B	HAS SP28 001	1'-2'	6/19/2002 2:45:00 PM	6/19/2002
0206148-023A	HAS SP28 002	12'-13'	6/19/2002 3:15:00 PM	6/19/2002
0206148-023B	HAS SP28 002	12'-13'	6/19/2002 3:15:00 PM	6/19/2002
0206148-024A	HAS SP16 301	8'-10'	6/18/2002 5:15:00 PM	6/19/2002

STAT Analysis Corporation

2201 West Campbell Park Drive Chicago, IL 60612-3547

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com


Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-001

Client Sample ID: HAS SP16 002

Collection Date: 6/18/02 5:05:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.096		mg/Kg-dry	1	6/30/02
Aroclor 1221	ND	0.096		mg/Kg-dry	1	6/30/02
Aroclor 1232	ND	0.096		mg/Kg-dry	1	6/30/02
Aroclor 1242	ND	0.096		mg/Kg-dry	1	6/30/02
Aroclor 1248	ND	0.096		mg/Kg-dry	1	6/30/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	6/30/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	6/30/02
Mercury	SW7471A					
Mercury	0.033	0.031		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020					
Antimony	ND	UJ	1.2	mg/Kg-dry	10	6/28/02
Arsenic	15	0.61		mg/Kg-dry	10	6/28/02
Beryllium	0.96	0.61		mg/Kg-dry	10	6/28/02
Cadmium	ND	0.61		mg/Kg-dry	10	6/28/02
Chromium	21	1.2		mg/Kg-dry	10	6/28/02
Copper	49 J	1.2		mg/Kg-dry	10	6/28/02
Lead	26	0.61		mg/Kg-dry	10	6/28/02
Nickel	46	1.2		mg/Kg-dry	10	6/28/02
Selenium	ND	1.2		mg/Kg-dry	10	6/28/02
Silver	ND	1.2		mg/Kg-dry	10	6/28/02
Thallium	1.5	1.2		mg/Kg-dry	10	6/28/02
Zinc	52 J	6.1		mg/Kg-dry	10	6/28/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	ND	0.03		mg/Kg-dry	1	6/29/02
Acenaphthylene	ND	0.03		mg/Kg-dry	1	6/29/02
Anthracene	ND	0.03		mg/Kg-dry	1	6/29/02
Benz(a)anthracene	ND	0.03		mg/Kg-dry	1	6/29/02
Benzo(b)fluoranthene	ND	0.03		mg/Kg-dry	1	6/29/02
Benzo(k)fluoranthene	ND	0.03		mg/Kg-dry	1	6/29/02
Benzo(g,h,i)perylene	ND	0.03		mg/Kg-dry	1	6/29/02
Benzo(a)pyrene	ND	0.03		mg/Kg-dry	1	6/29/02
Chrysene	ND	0.03		mg/Kg-dry	1	6/29/02
Dibenz(a,h)anthracene	ND	0.03		mg/Kg-dry	1	6/29/02
Fluoranthene	ND	0.03		mg/Kg-dry	1	6/29/02
Fluorene	ND	0.03		mg/Kg-dry	1	6/29/02
Indeno(1,2,3-cd)pyrene	ND	0.03		mg/Kg-dry	1	6/29/02
Naphthalene	3.7	0.3		mg/Kg-dry	10	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

J = estimated value; poor MS/MSD recovery. JAK
 U = non-detected. JAK

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation
2201 West Campbell Park Drive Chicago, IL 60612-3547
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com

Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-001

Client Sample ID: HAS SP16 002

Collection Date: 6/18/02 5:05:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	ND	0.03		mg/Kg-dry	1	6/29/02
Pyrene	ND	0.03		mg/Kg-dry	1	6/29/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.4		mg/Kg-dry	1	6/30/02
Bis(2-chloroethyl)ether	ND	0.4		mg/Kg-dry	1	6/30/02
Bis(2-ethylhexyl)phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
4-Bromophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	6/30/02
Butyl benzyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Carbazole	ND	0.4		mg/Kg-dry	1	6/30/02
4-Chloro-3-methylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
4-Chloroaniline	ND	0.4		mg/Kg-dry	1	6/30/02
2-Chloronaphthalene	ND	0.4		mg/Kg-dry	1	6/30/02
2-Chlorophenol	ND	0.4		mg/Kg-dry	1	6/30/02
4-Chlorophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	6/30/02
Dibenzofuran	ND	0.4		mg/Kg-dry	1	6/30/02
1,2-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
1,3-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
1,4-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
3,3'-Dichlorobenzidine	ND	0.8		mg/Kg-dry	1	6/30/02
2,4-Dichlorophenol	ND	0.4		mg/Kg-dry	1	6/30/02
Diethyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Dimethyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Di-n-butyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
2,4-Dimethylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	6/30/02
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	6/30/02
Di-n-octyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachlorobutadiene	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachlorocyclopentadiene	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachloroethane	ND	0.4		mg/Kg-dry	1	6/30/02
Isophorone	ND	0.4		mg/Kg-dry	1	6/30/02
2-Methylnaphthalene	ND	0.4		mg/Kg-dry	1	6/30/02
2-Methylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
4-Methylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02

Qualifiers:
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R - RPD outside accepted recovery limits
E - Value above quantitation range

STAT Analysis Corporation

2201 West Campbell Park Drive Chicago, IL 60612-3547
 Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com


Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-001

Client Sample ID: HAS SP16 002

Collection Date: 6/18/02 5:05:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
Nitrobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
N-Nitrosodi-n-propylamine	ND	0.4		mg/Kg-dry	1	6/30/02
N-Nitrosodiphenylamine	ND	0.4		mg/Kg-dry	1	6/30/02
2, 2'-oxybis(1-Chloropropane)	ND	0.4		mg/Kg-dry	1	6/30/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	6/30/02
Phenol	ND	0.4		mg/Kg-dry	1	6/30/02
1,2,4-Trichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
2,4,5-Trichlorophenol	ND	0.8		mg/Kg-dry	1	6/30/02
2,4,6-Trichlorophenol	ND	0.4		mg/Kg-dry	1	6/30/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	0.16 J	0.071		mg/Kg-dry	1	6/28/02
Benzene	0.03 J	0.014		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND UJ	0.014		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.014		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.028		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.028		mg/Kg-dry	1	6/28/02
Carbon disulfide	0.03 J	0.014		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND UJ	0.014		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.014		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.028		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.014		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.014		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.014		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.014		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.014		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.014		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.014		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.014		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.014		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.014		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.014		mg/Kg-dry	1	6/28/02
Ethylbenzene	4.7	0.8		mg/Kg-dry	100	6/27/02
2-Hexanone	ND UJ	0.028		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND UJ	0.028		mg/Kg-dry	1	6/28/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

J = estimated value; poor MS/MS recovery (undiluted results). JAK
 U = non-detect. JAK

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-001

Client Sample ID: HAS SP16 002**Collection Date:** 6/18/02 5:05:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	J	0.028	mg/Kg-dry	1	6/28/02
Styrene	0.036	J	0.014	mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	J	0.014	mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	J	0.014	mg/Kg-dry	1	6/28/02
Toluene	0.019	J	0.014	mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	J	0.014	mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	J	0.014	mg/Kg-dry	1	6/28/02
Trichloroethene	ND	J	0.014	mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	J	0.014	mg/Kg-dry	1	6/28/02
m,p-Xylene	0.12	J	0.014	mg/Kg-dry	1	6/28/02
o-Xylene	2		0.8	mg/Kg-dry	100	6/27/02
Cyanide, Total	SW9012A					
Cyanide	ND		0.3	mg/Kg-dry	1	6/26/02
Percent Moisture	D2216					
Percent Moisture	18.36		0.01	wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value; poor surrogate recovery. JAK

U = non-detect. JAK

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-002

Client Sample ID: HAS SP17 001

Collection Date: 6/18/02 5:45:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		Analyst: JF
Aroclor 1016	ND	0.096		mg/Kg-dry	1	6/30/02
Aroclor 1221	ND	0.096		mg/Kg-dry	1	6/30/02
Aroclor 1232	ND	0.096		mg/Kg-dry	1	6/30/02
Aroclor 1242	ND	0.096		mg/Kg-dry	1	6/30/02
Aroclor 1248	ND	0.096		mg/Kg-dry	1	6/30/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	6/30/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	6/30/02
Mercury	SW7471A			Prep Date: 6/24/02		Analyst: YZ
Mercury	0.079	0.029		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/22/02		Analyst: DRJ
Antimony	ND	UJ	1.2	mg/Kg-dry	10	6/28/02
Arsenic	9.9	0.6		mg/Kg-dry	10	6/28/02
Beryllium	0.92	0.6		mg/Kg-dry	10	6/28/02
Cadmium	ND	0.6		mg/Kg-dry	10	6/28/02
Chromium	24	1.2		mg/Kg-dry	10	6/28/02
Copper	29	J	1.2	mg/Kg-dry	10	6/28/02
Lead	37	J	0.6	mg/Kg-dry	10	6/28/02
Nickel	33	J	1.2	mg/Kg-dry	10	6/28/02
Selenium	ND	1.2		mg/Kg-dry	10	6/28/02
Silver	ND	1.2		mg/Kg-dry	10	6/28/02
Thallium	1.5	1.2		mg/Kg-dry	10	6/28/02
Zinc	56	6		mg/Kg-dry	10	6/28/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		Analyst: VS
Acenaphthene	0.12	0.03		mg/Kg-dry	1	6/30/02
Acenaphthylene	ND	0.03		mg/Kg-dry	1	6/30/02
Anthracene	0.27	0.03		mg/Kg-dry	1	6/30/02
Benz(a)anthracene	0.59	0.3		mg/Kg-dry	10	6/30/02
Benzo(b)fluoranthene	0.29	0.03		mg/Kg-dry	1	6/30/02
Benzo(k)fluoranthene	0.25	0.03		mg/Kg-dry	1	6/30/02
Benzo(g,h,i)perylene	0.13	0.03		mg/Kg-dry	1	6/30/02
Benzo(a)pyrene	0.31	0.03		mg/Kg-dry	1	6/30/02
Chrysene	0.6	0.3		mg/Kg-dry	10	6/30/02
Dibenz(a,h)anthracene	0.054	0.03		mg/Kg-dry	1	6/30/02
Fluoranthene	1.3	0.3		mg/Kg-dry	10	6/30/02
Fluorene	0.13	0.03		mg/Kg-dry	1	6/30/02
Indeno(1,2,3-cd)pyrene	0.13	0.03		mg/Kg-dry	1	6/30/02
Naphthalene	ND	0.03		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

J = estimated value * - Value exceeds Maximum Contaminant Level
 poor MS/MSD recovery. JAK
 U = non-detect JAK

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-002

Client Sample ID: HAS SP17 001
Collection Date: 6/18/02 5:45:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	1.1	0.3		mg/Kg-dry	10	6/30/02
Pyrene	1.2	0.3		mg/Kg-dry	10	6/30/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.4		mg/Kg-dry	1	6/30/02
Bis(2-chloroethyl)ether	ND	0.4		mg/Kg-dry	1	6/30/02
Bis(2-ethylhexyl)phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
4-Bromophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	6/30/02
Butyl benzyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Carbazole	ND	0.4		mg/Kg-dry	1	6/30/02
4-Chloro-3-methylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
4-Chloroaniline	ND	0.4		mg/Kg-dry	1	6/30/02
2-Chloronaphthalene	ND	0.4		mg/Kg-dry	1	6/30/02
2-Chlorophenol	ND	0.4		mg/Kg-dry	1	6/30/02
4-Chlorophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	6/30/02
Dibenzofuran	ND	0.4		mg/Kg-dry	1	6/30/02
1,2-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
1,3-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
1,4-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
3,3'-Dichlorobenzidine	ND	0.8		mg/Kg-dry	1	6/30/02
2,4-Dichlorophenol	ND	0.4		mg/Kg-dry	1	6/30/02
Diethyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Dimethyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Di-n-butyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
2,4-Dimethylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	6/30/02
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	6/30/02
Di-n-octyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachlorobutadiene	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachlorocyclopentadiene	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachloroethane	ND	0.4		mg/Kg-dry	1	6/30/02
Isophorone	ND	0.4		mg/Kg-dry	1	6/30/02
2-Methylnaphthalene	ND	0.4		mg/Kg-dry	1	6/30/02
2-Methylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
4-Methylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-002

Client Sample ID: HAS SP17 001**Collection Date:** 6/18/02 5:45:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
Nitrobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
N-Nitrosodi-n-propylamine	ND	0.4		mg/Kg-dry	1	6/30/02
N-Nitrosodiphenylamine	ND	0.4		mg/Kg-dry	1	6/30/02
2, 2'-oxybis(1-Chloropropane)	ND	0.4		mg/Kg-dry	1	6/30/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	6/30/02
Phenol	ND	0.4		mg/Kg-dry	1	6/30/02
1,2,4-Trichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
2,4,5-Trichlorophenol	ND	0.8		mg/Kg-dry	1	6/30/02
2,4,6-Trichlorophenol	ND	0.4		mg/Kg-dry	1	6/30/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	ND	0.047		mg/Kg-dry	1	6/27/02
Benzene	ND	0.0094		mg/Kg-dry	1	6/27/02
Bromodichloromethane	ND	0.0094		mg/Kg-dry	1	6/27/02
Bromoform	ND	0.0094		mg/Kg-dry	1	6/27/02
Bromomethane	ND	0.019		mg/Kg-dry	1	6/27/02
2-Butanone	ND	0.019		mg/Kg-dry	1	6/27/02
Carbon disulfide	ND	0.0094		mg/Kg-dry	1	6/27/02
Carbon tetrachloride	ND	0.0094		mg/Kg-dry	1	6/27/02
Chlorobenzene	ND	0.0094		mg/Kg-dry	1	6/27/02
Chloroethane	ND	0.019		mg/Kg-dry	1	6/27/02
Chloroform	ND	0.0094		mg/Kg-dry	1	6/27/02
Chloromethane	ND	0.0094		mg/Kg-dry	1	6/27/02
Dibromochloromethane	ND	0.0094		mg/Kg-dry	1	6/27/02
1,1-Dichloroethane	ND	0.0094		mg/Kg-dry	1	6/27/02
1,2-Dichloroethane	ND	0.0094		mg/Kg-dry	1	6/27/02
1,1-Dichloroethene	ND	0.0094		mg/Kg-dry	1	6/27/02
cis-1,2-Dichloroethene	ND	0.0094		mg/Kg-dry	1	6/27/02
trans-1,2-Dichloroethene	ND	0.0094		mg/Kg-dry	1	6/27/02
1,2-Dichloropropane	ND	0.0094		mg/Kg-dry	1	6/27/02
cis-1,3-Dichloropropene	ND	0.0094		mg/Kg-dry	1	6/27/02
trans-1,3-Dichloropropene	ND	0.0094		mg/Kg-dry	1	6/27/02
Ethylbenzene	ND	0.0094		mg/Kg-dry	1	6/27/02
2-Hexanone	ND	0.019		mg/Kg-dry	1	6/27/02
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	6/27/02

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-002

Client Sample ID: HAS SP17 001**Collection Date:** 6/18/02 5:45:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	0.019		mg/Kg-dry	1	6/27/02
Styrene	ND	0.0094		mg/Kg-dry	1	6/27/02
1,1,2,2-Tetrachloroethane	ND	0.0094		mg/Kg-dry	1	6/27/02
Tetrachloroethene	ND	0.0094		mg/Kg-dry	1	6/27/02
Toluene	ND	0.0094		mg/Kg-dry	1	6/27/02
1,1,1-Trichloroethane	ND	0.0094		mg/Kg-dry	1	6/27/02
1,1,2-Trichloroethane	ND	0.0094		mg/Kg-dry	1	6/27/02
Trichloroethene	ND	0.0094		mg/Kg-dry	1	6/27/02
Vinyl chloride	ND	0.0094		mg/Kg-dry	1	6/27/02
m,p-Xylene	ND	0.0094		mg/Kg-dry	1	6/27/02
o-Xylene	ND	0.0094		mg/Kg-dry	1	6/27/02
Cyanide, Total	SW9012A					
Cyanide	ND	0.3		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216					
Percent Moisture	17.34	0.01		wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-003

Client Sample ID: HAS SP18 001

Collection Date: 6/18/02 6:05:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		Analyst: JF
Aroclor 1016	ND	0.093		mg/Kg-dry	1	6/30/02
Aroclor 1221	ND	0.093		mg/Kg-dry	1	6/30/02
Aroclor 1232	ND	0.093		mg/Kg-dry	1	6/30/02
Aroclor 1242	ND	0.093		mg/Kg-dry	1	6/30/02
Aroclor 1248	ND	0.093		mg/Kg-dry	1	6/30/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	6/30/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	6/30/02
Mercury	SW7471A			Prep Date: 6/24/02		Analyst: YZ
Mercury	1.6	0.29		mg/Kg-dry	10	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/22/02		Analyst: DRJ
Antimony	1.4 J	1.1		mg/Kg-dry	10	6/28/02
Arsenic	16	0.56		mg/Kg-dry	10	6/28/02
Beryllium	0.65	0.56		mg/Kg-dry	10	6/28/02
Cadmium	1.5	0.56		mg/Kg-dry	10	6/28/02
Chromium	17	1.1		mg/Kg-dry	10	6/28/02
Copper	82 J	1.1		mg/Kg-dry	10	6/28/02
Lead	870 J	0.56		mg/Kg-dry	10	6/28/02
Nickel	22 J	1.1		mg/Kg-dry	10	6/28/02
Selenium	ND	1.1		mg/Kg-dry	10	6/28/02
Silver	1.9	1.1		mg/Kg-dry	10	6/28/02
Thallium	1.2	1.1		mg/Kg-dry	10	6/28/02
Zinc	320	5.6		mg/Kg-dry	10	6/28/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		Analyst: VS
Acenaphthene	0.61	0.29		mg/Kg-dry	10	7/1/02
Acenaphthylene	1.4	0.29		mg/Kg-dry	10	7/1/02
Anthracene	2.1	0.29		mg/Kg-dry	10	7/1/02
Benz(a)anthracene	4.9	2.9		mg/Kg-dry	100	6/30/02
Benzo(b)fluoranthene	3.7	2.9		mg/Kg-dry	100	6/30/02
Benzo(k)fluoranthene	3.2	0.29		mg/Kg-dry	10	7/1/02
Benzo(g,h,i)perylene	1.8	0.29		mg/Kg-dry	10	7/1/02
Benzo(a)pyrene	4.9	2.9		mg/Kg-dry	100	6/30/02
Chrysene	5	2.9		mg/Kg-dry	100	6/30/02
Dibenz(a,h)anthracene	0.71	0.29		mg/Kg-dry	10	7/1/02
Fluoranthene	9.5	2.9		mg/Kg-dry	100	6/30/02
Fluorene	0.86	0.29		mg/Kg-dry	10	7/1/02
Indeno(1,2,3-cd)pyrene	1.8	0.29		mg/Kg-dry	10	7/1/02
Naphthalene	0.55	0.29		mg/Kg-dry	10	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value; poor MS/MSD recovery. JAK

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
 Lab Order: 0206148
 Project: 29168, Hawthorne Parcel 2
 Lab ID: 0206148-003

Client Sample ID: HAS SP18 001
 Collection Date: 6/18/02 6:05:00 PM
 Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	5.9	2.9		mg/Kg-dry	100	6/30/02
Pyrene	10	2.9		mg/Kg-dry	100	6/30/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.38		mg/Kg-dry	1	7/1/02
Bis(2-chloroethyl)ether	ND	0.38		mg/Kg-dry	1	7/1/02
Bis(2-ethylhexyl)phthalate	ND	0.38		mg/Kg-dry	1	7/1/02
4-Bromophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	7/1/02
Butyl benzyl phthalate	ND	0.38		mg/Kg-dry	1	7/1/02
Carbazole	1	0.38		mg/Kg-dry	1	7/1/02
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	7/1/02
4-Chloroaniline	ND	0.38		mg/Kg-dry	1	7/1/02
2-Chloronaphthalene	ND	0.38		mg/Kg-dry	1	7/1/02
2-Chlorophenol	ND	0.38		mg/Kg-dry	1	7/1/02
4-Chlorophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	7/1/02
Dibenzofuran	0.4	0.38		mg/Kg-dry	1	7/1/02
1,2-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/1/02
1,3-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/1/02
1,4-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/1/02
3,3'-Dichlorobenzidine	ND	0.76		mg/Kg-dry	1	7/1/02
2,4-Dichlorophenol	ND	0.38		mg/Kg-dry	1	7/1/02
Diethyl phthalate	ND	0.38		mg/Kg-dry	1	7/1/02
Dimethyl phthalate	ND	0.38		mg/Kg-dry	1	7/1/02
Di-n-butyl phthalate	ND	0.38		mg/Kg-dry	1	7/1/02
2,4-Dimethylphenol	ND	0.38		mg/Kg-dry	1	7/1/02
4,6-Dinitro-2-methylphenol	ND	1.8		mg/Kg-dry	1	7/1/02
2,4-Dinitrophenol	ND	1.8		mg/Kg-dry	1	7/1/02
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/1/02
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/1/02
Di-n-octyl phthalate	ND	0.38		mg/Kg-dry	1	7/1/02
Hexachlorobenzene	ND	0.38		mg/Kg-dry	1	7/1/02
Hexachlorobutadiene	ND	0.38		mg/Kg-dry	1	7/1/02
Hexachlorocyclopentadiene	ND	0.38		mg/Kg-dry	1	7/1/02
Hexachloroethane	ND	0.38		mg/Kg-dry	1	7/1/02
Isophorone	ND	0.38		mg/Kg-dry	1	7/1/02
2-Methylnaphthalene	0.51	0.38		mg/Kg-dry	1	7/1/02
2-Methylphenol	ND	0.38		mg/Kg-dry	1	7/1/02
4-Methylphenol	ND	0.38		mg/Kg-dry	1	7/1/02
2-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

2201 West Campbell Park Drive Chicago, IL 60612-3547

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com



Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-003

Client Sample ID: HAS SP18 001**Collection Date:** 6/18/02 6:05:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
		SW8270C			Prep Date: 6/29/02	Analyst: JF
3-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/1/02
4-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/1/02
Nitrobenzene	ND	0.38		mg/Kg-dry	1	7/1/02
2-Nitrophenol	ND	1.8		mg/Kg-dry	1	7/1/02
4-Nitrophenol	ND	1.8		mg/Kg-dry	1	7/1/02
N-Nitrosodi-n-propylamine	ND	0.38		mg/Kg-dry	1	7/1/02
N-Nitrosodiphenylamine	ND	0.38		mg/Kg-dry	1	7/1/02
2, 2'-oxybis(1-Chloropropane)	ND	0.38		mg/Kg-dry	1	7/1/02
Pentachlorophenol	ND	1.8		mg/Kg-dry	1	7/1/02
Phenol	ND	0.38		mg/Kg-dry	1	7/1/02
1,2,4-Trichlorobenzene	ND	0.38		mg/Kg-dry	1	7/1/02
2,4,5-Trichlorophenol	ND	0.76		mg/Kg-dry	1	7/1/02
2,4,6-Trichlorophenol	ND	0.38		mg/Kg-dry	1	7/1/02
Volatile Organic Compounds by GC/MS						
		SW5035/8260B			Prep Date: 6/20/02	Analyst: MP
Acetone	ND	0.057		mg/Kg-dry	1	6/27/02
Benzene	ND	0.011		mg/Kg-dry	1	6/27/02
Bromodichloromethane	ND	0.011		mg/Kg-dry	1	6/27/02
Bromoform	ND	0.011		mg/Kg-dry	1	6/27/02
Bromomethane	ND	0.023		mg/Kg-dry	1	6/27/02
2-Butanone	ND	0.023		mg/Kg-dry	1	6/27/02
Carbon disulfide	ND	0.011		mg/Kg-dry	1	6/27/02
Carbon tetrachloride	ND	0.011		mg/Kg-dry	1	6/27/02
Chlorobenzene	ND	0.011		mg/Kg-dry	1	6/27/02
Chloroethane	ND	0.023		mg/Kg-dry	1	6/27/02
Chloroform	ND	0.011		mg/Kg-dry	1	6/27/02
Chloromethane	ND	0.011		mg/Kg-dry	1	6/27/02
Dibromochloromethane	ND	0.011		mg/Kg-dry	1	6/27/02
1,1-Dichloroethane	ND	0.011		mg/Kg-dry	1	6/27/02
1,2-Dichloroethane	ND	0.011		mg/Kg-dry	1	6/27/02
1,1-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/27/02
cis-1,2-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/27/02
trans-1,2-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/27/02
1,2-Dichloropropane	ND	0.011		mg/Kg-dry	1	6/27/02
cis-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	6/27/02
trans-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	6/27/02
Ethylbenzene	ND	0.011		mg/Kg-dry	1	6/27/02
2-Hexanone	ND	0.023		mg/Kg-dry	1	6/27/02
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	6/27/02

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-003

Client Sample ID: HAS SP18 001
Collection Date: 6/18/02 6:05:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Methylene chloride	ND	0.023		mg/Kg-dry	1	6/27/02
Styrene	ND	0.011		mg/Kg-dry	1	6/27/02
1,1,2,2-Tetrachloroethane	ND	0.011		mg/Kg-dry	1	6/27/02
Tetrachloroethene	ND	0.011		mg/Kg-dry	1	6/27/02
Toluene	ND	0.011		mg/Kg-dry	1	6/27/02
1,1,1-Trichloroethane	ND	0.011		mg/Kg-dry	1	6/27/02
1,1,2-Trichloroethane	ND	0.011		mg/Kg-dry	1	6/27/02
Trichloroethene	ND	0.011		mg/Kg-dry	1	6/27/02
Vinyl chloride	ND	0.011		mg/Kg-dry	1	6/27/02
m,p-Xylene	ND	0.011		mg/Kg-dry	1	6/27/02
o-Xylene	ND	0.011		mg/Kg-dry	1	6/27/02
Cyanide, Total	SW9012A			Prep Date: 6/21/02		Analyst: YZ
Cyanide	ND	0.29		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216			Prep Date: 6/26/02		Analyst: PMS
Percent Moisture	15.31	0.01		wt%	1	6/26/02

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-004

Client Sample ID: HAS SP18 002

Collection Date: 6/18/02 6:20:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		Analyst: JF
Aroclor 1016	ND	0.095		mg/Kg-dry	1	6/30/02
Aroclor 1221	ND	0.095		mg/Kg-dry	1	6/30/02
Aroclor 1232	ND	0.095		mg/Kg-dry	1	6/30/02
Aroclor 1242	ND	0.095		mg/Kg-dry	1	6/30/02
Aroclor 1248	ND	0.095		mg/Kg-dry	1	6/30/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	6/30/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	6/30/02
Mercury	SW7471A			Prep Date: 6/24/02		Analyst: YZ
Mercury	0.037	0.029		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/22/02		Analyst: DRJ
Antimony	ND	UJ	1.1	mg/Kg-dry	10	6/28/02
Arsenic	12	0.57		mg/Kg-dry	10	6/28/02
Beryllium	0.82	0.57		mg/Kg-dry	10	6/28/02
Cadmium	ND	0.57		mg/Kg-dry	10	6/28/02
Chromium	20	1.1		mg/Kg-dry	10	6/28/02
Copper	31 J	1.1		mg/Kg-dry	10	6/28/02
Lead	20	0.57		mg/Kg-dry	10	6/28/02
Nickel	38	1.1		mg/Kg-dry	10	6/28/02
Selenium	ND	1.1		mg/Kg-dry	10	6/28/02
Silver	ND	1.1		mg/Kg-dry	10	6/28/02
Thallium	1.4	1.1		mg/Kg-dry	10	6/28/02
Zinc	97 J	5.7		mg/Kg-dry	10	6/28/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		Analyst: VS
Acenaphthene	ND	0.03		mg/Kg-dry	1	6/29/02
Acenaphthylene	ND	0.03		mg/Kg-dry	1	6/29/02
Anthracene	ND	0.03		mg/Kg-dry	1	6/29/02
Benz(a)anthracene	ND	0.03		mg/Kg-dry	1	6/29/02
Benzo(b)fluoranthene	ND	0.03		mg/Kg-dry	1	6/29/02
Benzo(k)fluoranthene	ND	0.03		mg/Kg-dry	1	6/29/02
Benzo(g,h,i)perylene	ND	0.03		mg/Kg-dry	1	6/29/02
Benzo(a)pyrene	ND	0.03		mg/Kg-dry	1	6/29/02
Chrysene	ND	0.03		mg/Kg-dry	1	6/29/02
Dibenz(a,h)anthracene	ND	0.03		mg/Kg-dry	1	6/29/02
Fluoranthene	ND	0.03		mg/Kg-dry	1	6/29/02
Fluorene	ND	0.03		mg/Kg-dry	1	6/29/02
Indeno(1,2,3-cd)pyrene	ND	0.03		mg/Kg-dry	1	6/29/02
Naphthalene	ND	0.03		mg/Kg-dry	1	6/29/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

J = estimated value for poor MS/MSD recovery. JAK
 U = non-detect. JAK

* Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-004

Client Sample ID: HAS SP18 002
Collection Date: 6/18/02 6:20:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	ND	0.03		mg/Kg-dry	1	6/29/02
Pyrene	ND	0.03		mg/Kg-dry	1	6/29/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.39		mg/Kg-dry	1	6/30/02
Bis(2-chloroethyl)ether	ND	0.39		mg/Kg-dry	1	6/30/02
Bis(2-ethylhexyl)phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
4-Bromophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	6/30/02
Butyl benzyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Carbazole	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chloroaniline	ND	0.39		mg/Kg-dry	1	6/30/02
2-Chloronaphthalene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Chlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chlorophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	6/30/02
Dibenzofuran	ND	0.39		mg/Kg-dry	1	6/30/02
1,2-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
1,3-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
1,4-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
3,3'-Dichlorobenzidine	ND	0.79		mg/Kg-dry	1	6/30/02
2,4-Dichlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
Diethyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Dimethyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Di-n-butyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
2,4-Dimethylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	6/30/02
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	6/30/02
Di-n-octyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorobutadiene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorocyclopentadiene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachloroethane	ND	0.39		mg/Kg-dry	1	6/30/02
Isophorone	ND	0.39		mg/Kg-dry	1	6/30/02
2-Methylnaphthalene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-004

Client Sample ID: HAS SP18 002**Collection Date:** 6/18/02 6:20:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
Nitrobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
N-Nitrosodi-n-propylamine	ND	0.39		mg/Kg-dry	1	6/30/02
N-Nitrosodiphenylamine	ND	0.39		mg/Kg-dry	1	6/30/02
2, 2'-oxybis(1-Chloropropane)	ND	0.39		mg/Kg-dry	1	6/30/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	6/30/02
Phenol	ND	0.39		mg/Kg-dry	1	6/30/02
1,2,4-Trichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
2,4,5-Trichlorophenol	ND	0.79		mg/Kg-dry	1	6/30/02
2,4,6-Trichlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	0.1	0.044		mg/Kg-dry	1	6/27/02
Benzene	ND	0.0088		mg/Kg-dry	1	6/27/02
Bromodichloromethane	ND	0.0088		mg/Kg-dry	1	6/27/02
Bromoform	ND	0.0088		mg/Kg-dry	1	6/27/02
Bromomethane	ND	0.018		mg/Kg-dry	1	6/27/02
2-Butanone	ND	0.018		mg/Kg-dry	1	6/27/02
Carbon disulfide	ND	0.0088		mg/Kg-dry	1	6/27/02
Carbon tetrachloride	ND	0.0088		mg/Kg-dry	1	6/27/02
Chlorobenzene	ND	0.0088		mg/Kg-dry	1	6/27/02
Chloroethane	ND	0.018		mg/Kg-dry	1	6/27/02
Chloroform	ND	0.0088		mg/Kg-dry	1	6/27/02
Chloromethane	ND	0.0088		mg/Kg-dry	1	6/27/02
Dibromochloromethane	ND	0.0088		mg/Kg-dry	1	6/27/02
1,1-Dichloroethane	ND	0.0088		mg/Kg-dry	1	6/27/02
1,2-Dichloroethane	ND	0.0088		mg/Kg-dry	1	6/27/02
1,1-Dichloroethene	ND	0.0088		mg/Kg-dry	1	6/27/02
cis-1,2-Dichloroethene	ND	0.0088		mg/Kg-dry	1	6/27/02
trans-1,2-Dichloroethene	ND	0.0088		mg/Kg-dry	1	6/27/02
1,2-Dichloropropane	ND	0.0088		mg/Kg-dry	1	6/27/02
cis-1,3-Dichloropropene	ND	0.0088		mg/Kg-dry	1	6/27/02
trans-1,3-Dichloropropene	ND	0.0088		mg/Kg-dry	1	6/27/02
Ethylbenzene	ND	0.0088		mg/Kg-dry	1	6/27/02
2-Hexanone	ND	0.018		mg/Kg-dry	1	6/27/02
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	6/27/02

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-004

Client Sample ID: HAS SP18 002
Collection Date: 6/18/02 6:20:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	0.018		mg/Kg-dry	1	6/27/02
Styrene	ND	0.0088		mg/Kg-dry	1	6/27/02
1,1,2,2-Tetrachloroethane	ND	0.0088		mg/Kg-dry	1	6/27/02
Tetrachloroethene	ND	0.0088		mg/Kg-dry	1	6/27/02
Toluene	ND	0.0088		mg/Kg-dry	1	6/27/02
1,1,1-Trichloroethane	ND	0.0088		mg/Kg-dry	1	6/27/02
1,1,2-Trichloroethane	ND	0.0088		mg/Kg-dry	1	6/27/02
Trichloroethene	ND	0.0088		mg/Kg-dry	1	6/27/02
Vinyl chloride	ND	0.0088		mg/Kg-dry	1	6/27/02
m,p-Xylene	ND	0.0088		mg/Kg-dry	1	6/27/02
o-Xylene	ND	0.0088		mg/Kg-dry	1	6/27/02
Cyanide, Total	SW9012A					
Cyanide	ND	0.3		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216					
Percent Moisture	17.71	0.01		wt%	1	Analyst: PMS 6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike Recovery outside accepted recovery limits
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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-005

Client Sample ID: HAS SP19 001**Collection Date:** 6/19/02 8:00:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		Analyst: JF
Aroclor 1016	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1221	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1232	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1242	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1248	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	6/30/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	6/30/02
Mercury	SW7471A			Prep Date: 6/24/02		Analyst: YZ
Mercury	0.4	0.028		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/22/02		Analyst: DRJ
Antimony	ND	UJ	1.1	mg/Kg-dry	10	6/28/02
Arsenic	8.8	0.56		mg/Kg-dry	10	6/28/02
Beryllium	1	0.56		mg/Kg-dry	10	6/28/02
Cadmium	0.61	0.56		mg/Kg-dry	10	6/28/02
Chromium	20	1.1		mg/Kg-dry	10	6/28/02
Copper	63	J	1.1	mg/Kg-dry	10	6/28/02
Lead	120	J	0.56	mg/Kg-dry	10	6/28/02
Nickel	27	J	1.1	mg/Kg-dry	10	6/28/02
Selenium	ND	1.1		mg/Kg-dry	10	6/28/02
Silver	ND	1.1		mg/Kg-dry	10	6/28/02
Thallium	1.4	1.1		mg/Kg-dry	10	6/28/02
Zinc	110	5.6		mg/Kg-dry	10	6/28/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		Analyst: VS
Acenaphthene	2.2	0.29		mg/Kg-dry	10	6/30/02
Acenaphthylene	0.32	0.029		mg/Kg-dry	1	6/29/02
Anthracene	7.4	2.9		mg/Kg-dry	100	6/30/02
Benz(a)anthracene	9.1	2.9		mg/Kg-dry	100	6/30/02
Benzo(b)fluoranthene	7.5	2.9		mg/Kg-dry	100	6/30/02
Benzo(k)fluoranthene	5.8	2.9		mg/Kg-dry	100	6/30/02
Benzo(g,h,i)perylene	3.4	0.29		mg/Kg-dry	10	6/30/02
Benzo(a)pyrene	7.5	2.9		mg/Kg-dry	100	6/30/02
Chrysene	8.8	2.9		mg/Kg-dry	100	6/30/02
Dibenz(a,h)anthracene	1.4	0.29		mg/Kg-dry	10	6/30/02
Fluoranthene	23	2.9		mg/Kg-dry	100	6/30/02
Fluorene	3	0.29		mg/Kg-dry	10	6/30/02
Indeno(1,2,3-cd)pyrene	3.4	0.29		mg/Kg-dry	10	6/30/02
Naphthalene	1	0.29		mg/Kg-dry	10	6/30/02

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

J = estimated value * Value exceeds Maximum Contaminant Level
 U = non-detect JNK

STAT Analysis Corporation
2201 West Campbell Park Drive Chicago, IL 60612-3547
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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-005

Client Sample ID: HAS SP19 001
Collection Date: 6/19/02 8:00:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	22	2.9		mg/Kg-dry	100	6/30/02
Pyrene	19	2.9		mg/Kg-dry	100	6/30/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.39		mg/Kg-dry	1	7/1/02
Bis(2-chloroethyl)ether	ND	0.39		mg/Kg-dry	1	7/1/02
Bis(2-ethylhexyl)phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
4-Bromophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	7/1/02
Butyl benzyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Carbazole	4.8	0.39		mg/Kg-dry	1	7/1/02
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Chloroaniline	ND	0.39		mg/Kg-dry	1	7/1/02
2-Chloronaphthalene	ND	0.39		mg/Kg-dry	1	7/1/02
2-Chlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Chlorophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	7/1/02
Dibenzofuran	2.3	0.39		mg/Kg-dry	1	7/1/02
1,2-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
1,3-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
1,4-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
3,3'-Dichlorobenzidine	ND	0.77		mg/Kg-dry	1	7/1/02
2,4-Dichlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
Diethyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Dimethyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Di-n-butyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
2,4-Dimethylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/1/02
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/1/02
Di-n-octyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorobutadiene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorocyclopentadiene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachloroethane	ND	0.39		mg/Kg-dry	1	7/1/02
Isophorone	ND	0.39		mg/Kg-dry	1	7/1/02
2-Methylnaphthalene	0.99	0.39		mg/Kg-dry	1	7/1/02
2-Methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-005

Client Sample ID: HAS SP19 001**Collection Date:** 6/19/02 8:00:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
Nitrobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
N-Nitrosodi-n-propylamine	ND	0.39		mg/Kg-dry	1	7/1/02
N-Nitrosodiphenylamine	ND	0.39		mg/Kg-dry	1	7/1/02
2, 2'-oxybis(1-Chloropropane)	ND	0.39		mg/Kg-dry	1	7/1/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	7/1/02
Phenol	ND	0.39		mg/Kg-dry	1	7/1/02
1,2,4-Trichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
2,4,5-Trichlorophenol	ND	0.77		mg/Kg-dry	1	7/1/02
2,4,6-Trichlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
Volatile Organic Compounds by GC/MS						
	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	ND	0.057		mg/Kg-dry	1	6/27/02
Benzene	ND	0.011		mg/Kg-dry	1	6/27/02
Bromodichloromethane	ND	0.011		mg/Kg-dry	1	6/27/02
Bromoform	ND	0.011		mg/Kg-dry	1	6/27/02
Bromomethane	ND	0.023		mg/Kg-dry	1	6/27/02
2-Butanone	ND	0.023		mg/Kg-dry	1	6/27/02
Carbon disulfide	ND	0.011		mg/Kg-dry	1	6/27/02
Carbon tetrachloride	ND	0.011		mg/Kg-dry	1	6/27/02
Chlorobenzene	ND	0.011		mg/Kg-dry	1	6/27/02
Chloroethane	ND	0.023		mg/Kg-dry	1	6/27/02
Chloroform	ND	0.011		mg/Kg-dry	1	6/27/02
Chloromethane	ND	0.011		mg/Kg-dry	1	6/27/02
Dibromochloromethane	ND	0.011		mg/Kg-dry	1	6/27/02
1,1-Dichloroethane	ND	0.011		mg/Kg-dry	1	6/27/02
1,2-Dichloroethane	ND	0.011		mg/Kg-dry	1	6/27/02
1,1-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/27/02
cis-1,2-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/27/02
trans-1,2-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/27/02
1,2-Dichloropropane	ND	0.011		mg/Kg-dry	1	6/27/02
cis-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	6/27/02
trans-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	6/27/02
Ethylbenzene	ND	0.011		mg/Kg-dry	1	6/27/02
2-Hexanone	ND	0.023		mg/Kg-dry	1	6/27/02
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	6/27/02

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Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-005

Client Sample ID: HAS SP19 001
Collection Date: 6/19/02 8:00:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Methylene chloride	ND	0.023		mg/Kg-dry	1	6/27/02
Styrene	ND	0.011		mg/Kg-dry	1	6/27/02
1,1,2,2-Tetrachloroethane	ND	0.011		mg/Kg-dry	1	6/27/02
Tetrachloroethene	ND	0.011		mg/Kg-dry	1	6/27/02
Toluene	ND	0.011		mg/Kg-dry	1	6/27/02
1,1,1-Trichloroethane	ND	0.011		mg/Kg-dry	1	6/27/02
1,1,2-Trichloroethane	ND	0.011		mg/Kg-dry	1	6/27/02
Trichloroethene	ND	0.011		mg/Kg-dry	1	6/27/02
Vinyl chloride	ND	0.011		mg/Kg-dry	1	6/27/02
m,p-Xylene	ND	0.011		mg/Kg-dry	1	6/27/02
o-Xylene	ND	0.011		mg/Kg-dry	1	6/27/02
Moisture Content	D2216			Prep Date:		Analyst: PMS
Moisture Content	17.64	0.01		wt%	1	6/26/02
Cyanide, Total	SW9012A			Prep Date: 6/21/02		Analyst: YZ
Cyanide	ND	0.3		mg/Kg-dry	1	6/26/02
Organic Carbon Content	D2974			Prep Date: 6/26/02		Analyst: PMS
Fractional Organic Carbon	4.99	0.01		wt%	1	6/28/02
pH (25 °C)	SW9045C			Prep Date:		Analyst: IL
pH	7.9			pH Units	1	6/28/02
Percent Moisture	D2216			Prep Date: 6/26/02		Analyst: PMS
Percent Moisture	17.64	0.01		wt%	1	6/26/02

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-006

Client Sample ID: HAS SP19 002

Collection Date: 6/19/02 8:20:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		Analyst: JF
Aroclor 1016	ND	0.097		mg/Kg-dry	1	6/30/02
Aroclor 1221	ND	0.097		mg/Kg-dry	1	6/30/02
Aroclor 1232	ND	0.097		mg/Kg-dry	1	6/30/02
Aroclor 1242	ND	0.097		mg/Kg-dry	1	6/30/02
Aroclor 1248	ND	0.097		mg/Kg-dry	1	6/30/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	6/30/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	6/30/02
Mercury	SW7471A			Prep Date: 6/24/02		Analyst: YZ
Mercury	0.074	0.029		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/22/02		Analyst: DRJ
Antimony	ND	1.2		mg/Kg-dry	10	6/28/02
Arsenic	9.4	0.61		mg/Kg-dry	10	6/28/02
Beryllium	0.8	0.61		mg/Kg-dry	10	6/28/02
Cadmium	ND	0.61		mg/Kg-dry	10	6/28/02
Chromium	20	1.2		mg/Kg-dry	10	6/28/02
Copper	30	1.2		mg/Kg-dry	10	6/28/02
Lead	21	0.61		mg/Kg-dry	10	6/28/02
Nickel	35	1.2		mg/Kg-dry	10	6/28/02
Selenium	ND	1.2		mg/Kg-dry	10	6/28/02
Silver	ND	1.2		mg/Kg-dry	10	6/28/02
Thallium	1.6	1.2		mg/Kg-dry	10	6/28/02
Zinc	47	6.1		mg/Kg-dry	10	6/28/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		Analyst: VS
Acenaphthene	ND	0.03		mg/Kg-dry	1	6/30/02
Acenaphthylene	0.048	0.03		mg/Kg-dry	1	6/30/02
Anthracene	0.078	0.03		mg/Kg-dry	1	6/30/02
Benz(a)anthracene	0.36	0.03		mg/Kg-dry	1	6/30/02
Benzo(b)fluoranthene	0.21	0.03		mg/Kg-dry	1	6/30/02
Benzo(k)fluoranthene	0.23	0.03		mg/Kg-dry	1	6/30/02
Benzo(g,h,i)perylene	0.17	0.03		mg/Kg-dry	1	6/30/02
Benzo(a)pyrene	0.31	0.03		mg/Kg-dry	1	6/30/02
Chrysene	0.38	0.03		mg/Kg-dry	1	6/30/02
Dibenz(a,h)anthracene	0.058	0.03		mg/Kg-dry	1	6/30/02
Fluoranthene	0.75	0.3		mg/Kg-dry	10	6/30/02
Fluorene	ND	0.03		mg/Kg-dry	1	6/30/02
Indeno(1,2,3-cd)pyrene	0.17	0.03		mg/Kg-dry	1	6/30/02
Naphthalene	ND	0.03		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit
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E - Value above quantitation range

J = estimated value; * - Value exceeds Maximum Contaminant Level
V = non-detect.

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-006

Client Sample ID: HAS SP19 002
Collection Date: 6/19/02 8:20:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	0.13	0.03		mg/Kg-dry	1	6/30/02
Pyrene	0.96	0.3		mg/Kg-dry	10	6/30/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.4		mg/Kg-dry	1	7/1/02
Bis(2-chloroethyl)ether	ND	0.4		mg/Kg-dry	1	7/1/02
Bis(2-ethylhexyl)phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
4-Bromophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/1/02
Butyl benzyl phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
Carbazole	ND	0.4		mg/Kg-dry	1	7/1/02
4-Chloro-3-methylphenol	ND	0.4		mg/Kg-dry	1	7/1/02
4-Chloroaniline	ND	0.4		mg/Kg-dry	1	7/1/02
2-Chloronaphthalene	ND	0.4		mg/Kg-dry	1	7/1/02
2-Chlorophenol	ND	0.4		mg/Kg-dry	1	7/1/02
4-Chlorophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/1/02
Dibenzofuran	ND	0.4		mg/Kg-dry	1	7/1/02
1,2-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
1,3-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
1,4-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
3,3'-Dichlorobenzidine	ND	0.8		mg/Kg-dry	1	7/1/02
2,4-Dichlorophenol	ND	0.4		mg/Kg-dry	1	7/1/02
Diethyl phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
Dimethyl phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
Di-n-butyl phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
2,4-Dimethylphenol	ND	0.4		mg/Kg-dry	1	7/1/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/1/02
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/1/02
Di-n-octyl phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
Hexachlorobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
Hexachlorobutadiene	ND	0.4		mg/Kg-dry	1	7/1/02
Hexachlorocyclopentadiene	ND	0.4		mg/Kg-dry	1	7/1/02
Hexachloroethane	ND	0.4		mg/Kg-dry	1	7/1/02
Isophorone	ND	0.4		mg/Kg-dry	1	7/1/02
2-Methylnaphthalene	ND	0.4		mg/Kg-dry	1	7/1/02
2-Methylphenol	ND	0.4		mg/Kg-dry	1	7/1/02
4-Methylphenol	ND	0.4		mg/Kg-dry	1	7/1/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

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Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-006

Client Sample ID: HAS SP19 002**Collection Date:** 6/19/02 8:20:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
Nitrobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
N-Nitrosodi-n-propylamine	ND	0.4		mg/Kg-dry	1	7/1/02
N-Nitrosodiphenylamine	ND	0.4		mg/Kg-dry	1	7/1/02
2, 2'-oxybis(1-Chloropropane)	ND	0.4		mg/Kg-dry	1	7/1/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	7/1/02
Phenol	ND	0.4		mg/Kg-dry	1	7/1/02
1,2,4-Trichlorobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
2,4,5-Trichlorophenol	ND	0.8		mg/Kg-dry	1	7/1/02
2,4,6-Trichlorophenol	ND	0.4		mg/Kg-dry	1	7/1/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	0.23	0.095		mg/Kg-dry	1	6/27/02
Benzene	ND	0.019		mg/Kg-dry	1	6/27/02
Bromodichloromethane	ND	0.019		mg/Kg-dry	1	6/27/02
Bromoform	ND	0.019		mg/Kg-dry	1	6/27/02
Bromomethane	ND	0.038		mg/Kg-dry	1	6/27/02
2-Butanone	ND	0.038		mg/Kg-dry	1	6/27/02
Carbon disulfide	ND	0.019		mg/Kg-dry	1	6/27/02
Carbon tetrachloride	ND	0.019		mg/Kg-dry	1	6/27/02
Chlorobenzene	ND	0.019		mg/Kg-dry	1	6/27/02
Chloroethane	ND	0.038		mg/Kg-dry	1	6/27/02
Chloroform	ND	0.019		mg/Kg-dry	1	6/27/02
Chloromethane	ND	0.019		mg/Kg-dry	1	6/27/02
Dibromochloromethane	ND	0.019		mg/Kg-dry	1	6/27/02
1,1-Dichloroethane	ND	0.019		mg/Kg-dry	1	6/27/02
1,2-Dichloroethane	ND	0.019		mg/Kg-dry	1	6/27/02
1,1-Dichloroethene	ND	0.019		mg/Kg-dry	1	6/27/02
cis-1,2-Dichloroethene	ND	0.019		mg/Kg-dry	1	6/27/02
trans-1,2-Dichloroethene	ND	0.019		mg/Kg-dry	1	6/27/02
1,2-Dichloropropane	ND	0.019		mg/Kg-dry	1	6/27/02
cis-1,3-Dichloropropene	ND	0.019		mg/Kg-dry	1	6/27/02
trans-1,3-Dichloropropene	ND	0.019		mg/Kg-dry	1	6/27/02
Ethylbenzene	ND	0.019		mg/Kg-dry	1	6/27/02
2-Hexanone	ND	0.038		mg/Kg-dry	1	6/27/02
4-Methyl-2-pentanone	ND	0.038		mg/Kg-dry	1	6/27/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-006

Client Sample ID: HAS SP19 002
Collection Date: 6/19/02 8:20:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Methylene chloride	ND	0.038		mg/Kg-dry	1	6/27/02
Styrene	ND	0.019		mg/Kg-dry	1	6/27/02
1,1,2,2-Tetrachloroethane	ND	0.019		mg/Kg-dry	1	6/27/02
Tetrachloroethene	ND	0.019		mg/Kg-dry	1	6/27/02
Toluene	ND	0.019		mg/Kg-dry	1	6/27/02
1,1,1-Trichloroethane	ND	0.019		mg/Kg-dry	1	6/27/02
1,1,2-Trichloroethane	ND	0.019		mg/Kg-dry	1	6/27/02
Trichloroethene	ND	0.019		mg/Kg-dry	1	6/27/02
Vinyl chloride	ND	0.019		mg/Kg-dry	1	6/27/02
m,p-Xylene	ND	0.019		mg/Kg-dry	1	6/27/02
o-Xylene	ND	0.019		mg/Kg-dry	1	6/27/02
Cyanide, Total	SW9012A			Prep Date: 6/21/02		Analyst: YZ
Cyanide	ND	0.3		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216			Prep Date: 6/26/02		Analyst: PMS
Percent Moisture	17.90	0.01		wt%	1	6/26/02

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-007

Client Sample ID: HAS SP20 001

Collection Date: 6/19/02 8:35:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1221	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1232	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1242	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1248	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	6/30/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	6/30/02
Mercury	SW7471A					
Mercury	0.15	0.029		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020					
Antimony	ND	UJ	1.1	mg/Kg-dry	10	6/28/02
Arsenic	11	0.55		mg/Kg-dry	10	6/28/02
Beryllium	0.7	0.55		mg/Kg-dry	10	6/28/02
Cadmium	ND	0.55		mg/Kg-dry	10	6/28/02
Chromium	23	1.1		mg/Kg-dry	10	6/28/02
Copper	23	J	1.1	mg/Kg-dry	10	6/28/02
Lead	98	J	0.55	mg/Kg-dry	10	6/28/02
Nickel	26	J	1.1	mg/Kg-dry	10	6/28/02
Selenium	ND	1.1		mg/Kg-dry	10	6/28/02
Silver	ND	1.1		mg/Kg-dry	10	6/28/02
Thallium	1.4	1.1		mg/Kg-dry	10	6/28/02
Zinc	74	5.5		mg/Kg-dry	10	6/28/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	ND	0.029		mg/Kg-dry	1	6/29/02
Acenaphthylene	ND	0.029		mg/Kg-dry	1	6/29/02
Anthracene	0.037	0.029		mg/Kg-dry	1	6/29/02
Benz(a)anthracene	0.12	0.029		mg/Kg-dry	1	6/29/02
Benzo(b)fluoranthene	0.13	0.029		mg/Kg-dry	1	6/29/02
Benzo(k)fluoranthene	0.11	0.029		mg/Kg-dry	1	6/29/02
Benzo(g,h,i)perylene	0.072	0.029		mg/Kg-dry	1	6/29/02
Benzo(a)pyrene	0.13	0.029		mg/Kg-dry	1	6/29/02
Chrysene	0.13	0.029		mg/Kg-dry	1	6/29/02
Dibenz(a,h)anthracene	ND	0.029		mg/Kg-dry	1	6/29/02
Fluoranthene	0.21	0.029		mg/Kg-dry	1	6/29/02
Fluorene	ND	0.029		mg/Kg-dry	1	6/29/02
Indeno(1,2,3-cd)pyrene	0.064	0.029		mg/Kg-dry	1	6/29/02
Naphthalene	ND	0.029		mg/Kg-dry	1	6/29/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

J = estimated value * - Value exceeds Maximum Contaminant Level, poor MS/MSD recovery. JAK

U = non-detect

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-007

Client Sample ID: HAS SP20 001**Collection Date:** 6/19/02 8:35:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	0.087	0.029		mg/Kg-dry	1	6/29/02
Pyrene	0.24	0.029		mg/Kg-dry	1	6/29/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.38		mg/Kg-dry	1	6/30/02
Bis(2-chloroethyl)ether	ND	0.38		mg/Kg-dry	1	6/30/02
Bis(2-ethylhexyl)phthalate	ND	0.38		mg/Kg-dry	1	6/30/02
4-Bromophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	6/30/02
Butyl benzyl phthalate	ND	0.38		mg/Kg-dry	1	6/30/02
Carbazole	ND	0.38		mg/Kg-dry	1	6/30/02
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	6/30/02
4-Chloroaniline	ND	0.38		mg/Kg-dry	1	6/30/02
2-Chloronaphthalene	ND	0.38		mg/Kg-dry	1	6/30/02
2-Chlorophenol	ND	0.38		mg/Kg-dry	1	6/30/02
4-Chlorophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	6/30/02
Dibenzofuran	ND	0.38		mg/Kg-dry	1	6/30/02
1,2-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	6/30/02
1,3-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	6/30/02
1,4-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	6/30/02
3,3'-Dichlorobenzidine	ND	0.77		mg/Kg-dry	1	6/30/02
2,4-Dichlorophenol	ND	0.38		mg/Kg-dry	1	6/30/02
Diethyl phthalate	ND	0.38		mg/Kg-dry	1	6/30/02
Dimethyl phthalate	ND	0.38		mg/Kg-dry	1	6/30/02
Di-n-butyl phthalate	ND	0.38		mg/Kg-dry	1	6/30/02
2,4-Dimethylphenol	ND	0.38		mg/Kg-dry	1	6/30/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/30/02
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/30/02
Di-n-octyl phthalate	ND	0.38		mg/Kg-dry	1	6/30/02
Hexachlorobenzene	ND	0.38		mg/Kg-dry	1	6/30/02
Hexachlorobutadiene	ND	0.38		mg/Kg-dry	1	6/30/02
Hexachlorocyclopentadiene	ND	0.38		mg/Kg-dry	1	6/30/02
Hexachloroethane	ND	0.38		mg/Kg-dry	1	6/30/02
Isophorone	ND	0.38		mg/Kg-dry	1	6/30/02
2-Methylnaphthalene	ND	0.38		mg/Kg-dry	1	6/30/02
2-Methylphenol	ND	0.38		mg/Kg-dry	1	6/30/02
4-Methylphenol	ND	0.38		mg/Kg-dry	1	6/30/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-007

Client Sample ID: HAS SP20 001**Collection Date:** 6/19/02 8:35:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
Nitrobenzene	ND	0.38		mg/Kg-dry	1	6/30/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
N-Nitrosodi-n-propylamine	ND	0.38		mg/Kg-dry	1	6/30/02
N-Nitrosodiphenylamine	ND	0.38		mg/Kg-dry	1	6/30/02
2, 2'-oxybis(1-Chloropropane)	ND	0.38		mg/Kg-dry	1	6/30/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	6/30/02
Phenol	ND	0.38		mg/Kg-dry	1	6/30/02
1,2,4-Trichlorobenzene	ND	0.38		mg/Kg-dry	1	6/30/02
2,4,5-Trichlorophenol	ND	0.77		mg/Kg-dry	1	6/30/02
2,4,6-Trichlorophenol	ND	0.38		mg/Kg-dry	1	6/30/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	ND	0.049		mg/Kg-dry	1	6/27/02
Benzene	ND	0.0098		mg/Kg-dry	1	6/27/02
Bromodichloromethane	ND	0.0098		mg/Kg-dry	1	6/27/02
Bromoform	ND	0.0098		mg/Kg-dry	1	6/27/02
Bromomethane	ND	0.02		mg/Kg-dry	1	6/27/02
2-Butanone	ND	0.02		mg/Kg-dry	1	6/27/02
Carbon disulfide	ND	0.0098		mg/Kg-dry	1	6/27/02
Carbon tetrachloride	ND	0.0098		mg/Kg-dry	1	6/27/02
Chlorobenzene	ND	0.0098		mg/Kg-dry	1	6/27/02
Chloroethane	ND	0.02		mg/Kg-dry	1	6/27/02
Chloroform	ND	0.0098		mg/Kg-dry	1	6/27/02
Chloromethane	ND	0.0098		mg/Kg-dry	1	6/27/02
Dibromochloromethane	ND	0.0098		mg/Kg-dry	1	6/27/02
1,1-Dichloroethane	ND	0.0098		mg/Kg-dry	1	6/27/02
1,2-Dichloroethane	ND	0.0098		mg/Kg-dry	1	6/27/02
1,1-Dichloroethene	ND	0.0098		mg/Kg-dry	1	6/27/02
cis-1,2-Dichloroethene	ND	0.0098		mg/Kg-dry	1	6/27/02
trans-1,2-Dichloroethene	ND	0.0098		mg/Kg-dry	1	6/27/02
1,2-Dichloropropane	ND	0.0098		mg/Kg-dry	1	6/27/02
cis-1,3-Dichloropropene	ND	0.0098		mg/Kg-dry	1	6/27/02
trans-1,3-Dichloropropene	ND	0.0098		mg/Kg-dry	1	6/27/02
Ethylbenzene	ND	0.0098		mg/Kg-dry	1	6/27/02
2-Hexanone	ND	0.02		mg/Kg-dry	1	6/27/02
4-Methyl-2-pentanone	ND	0.02		mg/Kg-dry	1	6/27/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-007

Client Sample ID: HAS SP20 001**Collection Date:** 6/19/02 8:35:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	0.02		mg/Kg-dry	1	6/27/02
Styrene	ND	0.0098		mg/Kg-dry	1	6/27/02
1,1,2,2-Tetrachloroethane	ND	0.0098		mg/Kg-dry	1	6/27/02
Tetrachloroethene	ND	0.0098		mg/Kg-dry	1	6/27/02
Toluene	ND	0.0098		mg/Kg-dry	1	6/27/02
1,1,1-Trichloroethane	ND	0.0098		mg/Kg-dry	1	6/27/02
1,1,2-Trichloroethane	ND	0.0098		mg/Kg-dry	1	6/27/02
Trichloroethene	ND	0.0098		mg/Kg-dry	1	6/27/02
Vinyl chloride	ND	0.0098		mg/Kg-dry	1	6/27/02
m,p-Xylene	ND	0.0098		mg/Kg-dry	1	6/27/02
o-Xylene	ND	0.0098		mg/Kg-dry	1	6/27/02
Cyanide, Total	SW9012A					
Cyanide	1.5	0.3		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216					
Percent Moisture	16.29	0.01		wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-008

Client Sample ID: HAS SP20 002

Collection Date: 6/19/02 8:40:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		Analyst: JF
Aroclor 1016	ND		1	mg/Kg-dry	1	6/30/02
Aroclor 1221	ND		1	mg/Kg-dry	1	6/30/02
Aroclor 1232	ND		1	mg/Kg-dry	1	6/30/02
Aroclor 1242	ND		1	mg/Kg-dry	1	6/30/02
Aroclor 1248	ND		1	mg/Kg-dry	1	6/30/02
Aroclor 1254	ND		2	mg/Kg-dry	1	6/30/02
Aroclor 1260	ND		2	mg/Kg-dry	1	6/30/02
Mercury	SW7471A			Prep Date: 6/24/02		Analyst: YZ
Mercury	0.52		0.034	mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/24/02		Analyst: MCL
Antimony	1.8 J		1.3	mg/Kg-dry	10	6/27/02
Arsenic	21		0.65	mg/Kg-dry	10	6/27/02
Beryllium	ND		0.65	mg/Kg-dry	10	6/27/02
Cadmium	ND		0.65	mg/Kg-dry	10	6/27/02
Chromium	7.2		1.3	mg/Kg-dry	10	6/27/02
Copper	67 J		1.3	mg/Kg-dry	10	6/27/02
Lead	140		0.65	mg/Kg-dry	10	6/27/02
Nickel	11		1.3	mg/Kg-dry	10	6/27/02
Selenium	ND		1.3	mg/Kg-dry	10	6/27/02
Silver	ND		1.3	mg/Kg-dry	10	6/27/02
Thallium	ND		1.3	mg/Kg-dry	10	6/27/02
Zinc	75 J		6.5	mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		Analyst: VS
Acenaphthene	0.94		0.8	mg/Kg-dry	1	6/30/02
Acenaphthylene	4.8		0.8	mg/Kg-dry	1	6/30/02
Anthracene	1.3		0.8	mg/Kg-dry	1	6/30/02
Benz(a)anthracene	5.1		0.8	mg/Kg-dry	1	6/30/02
Benzo(b)fluoranthene	1.4		0.8	mg/Kg-dry	1	6/30/02
Benzo(k)fluoranthene	1.8		0.8	mg/Kg-dry	1	6/30/02
Benzo(g,h,i)perylene	ND		0.8	mg/Kg-dry	1	6/30/02
Benzo(a)pyrene	0.84		0.8	mg/Kg-dry	1	6/30/02
Chrysene	6.6		0.8	mg/Kg-dry	1	6/30/02
Dibenz(a,h)anthracene	ND		0.8	mg/Kg-dry	1	6/30/02
Fluoranthene	10		0.8	mg/Kg-dry	1	6/30/02
Fluorene	1.4		0.8	mg/Kg-dry	1	6/30/02
Indeno(1,2,3-cd)pyrene	ND		0.8	mg/Kg-dry	1	6/30/02
Naphthalene	73		8	mg/Kg-dry	10	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value; poor MS/MSD recovery. JAk

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-008

Client Sample ID: HAS SP20 002
Collection Date: 6/19/02 8:40:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	8.8	0.8		mg/Kg-dry	1	6/30/02
Pyrene	16	0.8		mg/Kg-dry	1	6/30/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	11		mg/Kg-dry	1	7/1/02
Bis(2-chloroethyl)ether	ND	11		mg/Kg-dry	1	7/1/02
Bis(2-ethylhexyl)phthalate	ND	11		mg/Kg-dry	1	7/1/02
4-Bromophenyl phenyl ether	ND	11		mg/Kg-dry	1	7/1/02
Butyl benzyl phthalate	ND	11		mg/Kg-dry	1	7/1/02
Carbazole	ND	11		mg/Kg-dry	1	7/1/02
4-Chloro-3-methylphenol	ND	11		mg/Kg-dry	1	7/1/02
4-Chloroaniline	ND	11		mg/Kg-dry	1	7/1/02
2-Chloronaphthalene	ND	11		mg/Kg-dry	1	7/1/02
2-Chlorophenol	ND	11		mg/Kg-dry	1	7/1/02
4-Chlorophenyl phenyl ether	ND	11		mg/Kg-dry	1	7/1/02
Dibenzofuran	ND	11		mg/Kg-dry	1	7/1/02
1,2-Dichlorobenzene	ND	11		mg/Kg-dry	1	7/1/02
1,3-Dichlorobenzene	ND	11		mg/Kg-dry	1	7/1/02
1,4-Dichlorobenzene	ND	11		mg/Kg-dry	1	7/1/02
3,3'-Dichlorobenzidine	ND	21		mg/Kg-dry	1	7/1/02
2,4-Dichlorophenol	ND	11		mg/Kg-dry	1	7/1/02
Diethyl phthalate	ND	11		mg/Kg-dry	1	7/1/02
Dimethyl phthalate	ND	11		mg/Kg-dry	1	7/1/02
Di-n-butyl phthalate	ND	11		mg/Kg-dry	1	7/1/02
2,4-Dimethylphenol	ND	11		mg/Kg-dry	1	7/1/02
4,6-Dinitro-2-methylphenol	ND	51		mg/Kg-dry	1	7/1/02
2,4-Dinitrophenol	ND	51		mg/Kg-dry	1	7/1/02
2,4-Dinitrotoluene	ND	8		mg/Kg-dry	1	7/1/02
2,6-Dinitrotoluene	ND	8		mg/Kg-dry	1	7/1/02
Di-n-octyl phthalate	ND	11		mg/Kg-dry	1	7/1/02
Hexachlorobenzene	ND	11		mg/Kg-dry	1	7/1/02
Hexachlorobutadiene	ND	11		mg/Kg-dry	1	7/1/02
Hexachlorocyclopentadiene	ND	11		mg/Kg-dry	1	7/1/02
Hexachloroethane	ND	11		mg/Kg-dry	1	7/1/02
Isophorone	ND	11		mg/Kg-dry	1	7/1/02
2-Methylnaphthalene	14	11		mg/Kg-dry	1	7/1/02
2-Methylphenol	ND	11		mg/Kg-dry	1	7/1/02
4-Methylphenol	ND	11		mg/Kg-dry	1	7/1/02
2-Nitroaniline	ND	51		mg/Kg-dry	1	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

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* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-008

Client Sample ID: HAS SP20 002

Collection Date: 6/19/02 8:40:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	51		mg/Kg-dry	1	7/1/02
4-Nitroaniline	ND	51		mg/Kg-dry	1	7/1/02
Nitrobenzene	ND	11		mg/Kg-dry	1	7/1/02
2-Nitrophenol	ND	51		mg/Kg-dry	1	7/1/02
4-Nitrophenol	ND	51		mg/Kg-dry	1	7/1/02
N-Nitrosodi-n-propylamine	ND	11		mg/Kg-dry	1	7/1/02
N-Nitrosodiphenylamine	ND	11		mg/Kg-dry	1	7/1/02
2, 2'-oxybis(1-Chloropropane)	ND	11		mg/Kg-dry	1	7/1/02
Pentachlorophenol	ND	51		mg/Kg-dry	1	7/1/02
Phenol	ND	11		mg/Kg-dry	1	7/1/02
1,2,4-Trichlorobenzene	ND	11		mg/Kg-dry	1	7/1/02
2,4,5-Trichlorophenol	ND	21		mg/Kg-dry	1	7/1/02
2,4,6-Trichlorophenol	ND	11		mg/Kg-dry	1	7/1/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	0.22	0.14		mg/Kg-dry	1	6/27/02
Benzene	0.33	0.028		mg/Kg-dry	1	6/27/02
Bromodichloromethane	ND	0.028		mg/Kg-dry	1	6/27/02
Bromoform	ND	0.028		mg/Kg-dry	1	6/27/02
Bromomethane	ND	0.055		mg/Kg-dry	1	6/27/02
2-Butanone	ND	0.055		mg/Kg-dry	1	6/27/02
Carbon disulfide	7.4	0.51		mg/Kg-dry	50	6/28/02
Carbon tetrachloride	ND	0.028		mg/Kg-dry	1	6/27/02
Chlorobenzene	ND	0.028		mg/Kg-dry	1	6/27/02
Chloroethane	ND	0.055		mg/Kg-dry	1	6/27/02
Chloroform	ND	0.028		mg/Kg-dry	1	6/27/02
Chloromethane	ND	0.028		mg/Kg-dry	1	6/27/02
Dibromochloromethane	ND	0.028		mg/Kg-dry	1	6/27/02
1,1-Dichloroethane	ND	0.028		mg/Kg-dry	1	6/27/02
1,2-Dichloroethane	ND	0.028		mg/Kg-dry	1	6/27/02
1,1-Dichloroethene	ND	0.028		mg/Kg-dry	1	6/27/02
cis-1,2-Dichloroethene	ND	0.028		mg/Kg-dry	1	6/27/02
trans-1,2-Dichloroethene	ND	0.028		mg/Kg-dry	1	6/27/02
1,2-Dichloropropane	ND	0.028		mg/Kg-dry	1	6/27/02
cis-1,3-Dichloropropene	ND	0.028		mg/Kg-dry	1	6/27/02
trans-1,3-Dichloropropene	ND	0.028		mg/Kg-dry	1	6/27/02
Ethylbenzene	0.18	0.028		mg/Kg-dry	1	6/27/02
2-Hexanone	ND	0.055		mg/Kg-dry	1	6/27/02
4-Methyl-2-pentanone	ND	0.055		mg/Kg-dry	1	6/27/02

Qualifiers: ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-008

Client Sample ID: HAS SP20 002**Collection Date:** 6/19/02 8:40:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	0.055		mg/Kg-dry	1	6/27/02
Styrene	0.61	0.51		mg/Kg-dry	50	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.028		mg/Kg-dry	1	6/27/02
Tetrachloroethene	ND	0.028		mg/Kg-dry	1	6/27/02
Toluene	0.46	0.028		mg/Kg-dry	1	6/27/02
1,1,1-Trichloroethane	ND	0.028		mg/Kg-dry	1	6/27/02
1,1,2-Trichloroethane	ND	0.028		mg/Kg-dry	1	6/27/02
Trichloroethene	ND	0.028		mg/Kg-dry	1	6/27/02
Vinyl chloride	ND	0.028		mg/Kg-dry	1	6/27/02
m,p-Xylene	0.81	0.51		mg/Kg-dry	50	6/28/02
o-Xylene	0.16	0.028		mg/Kg-dry	1	6/27/02
Cyanide, Total	SW9012A					
Cyanide	150	3.4		mg/Kg-dry	10	6/26/02
Percent Moisture	D2216					
Percent Moisture	27.41	0.01		wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-009

Client Sample ID: HAS SP20 003

Collection Date: 6/19/02 8:45:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.097		mg/Kg-dry	1	6/30/02
Aroclor 1221	ND	0.097		mg/Kg-dry	1	6/30/02
Aroclor 1232	ND	0.097		mg/Kg-dry	1	6/30/02
Aroclor 1242	ND	0.097		mg/Kg-dry	1	6/30/02
Aroclor 1248	ND	0.097		mg/Kg-dry	1	6/30/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	6/30/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	6/30/02
Mercury	SW7471A					
Mercury	0.038	0.03		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020					
Antimony	ND	1.2		mg/Kg-dry	10	6/27/02
Arsenic	5.4	0.59		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.59		mg/Kg-dry	10	6/27/02
Cadmium	ND	0.59		mg/Kg-dry	10	6/27/02
Chromium	18	1.2		mg/Kg-dry	10	6/27/02
Copper	25	1.2		mg/Kg-dry	10	6/27/02
Lead	19	0.59		mg/Kg-dry	10	6/27/02
Nickel	23	1.2		mg/Kg-dry	10	6/27/02
Selenium	ND	1.2		mg/Kg-dry	10	6/27/02
Silver	ND	1.2		mg/Kg-dry	10	6/27/02
Thallium	ND	1.2		mg/Kg-dry	10	6/27/02
Zinc	48	5.9		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	ND	0.031		mg/Kg-dry	1	6/29/02
Acenaphthylene	ND	0.031		mg/Kg-dry	1	6/29/02
Anthracene	ND	0.031		mg/Kg-dry	1	6/29/02
Benz(a)anthracene	ND	0.031		mg/Kg-dry	1	6/29/02
Benzo(b)fluoranthene	ND	0.031		mg/Kg-dry	1	6/29/02
Benzo(k)fluoranthene	ND	0.031		mg/Kg-dry	1	6/29/02
Benzo(g,h,i)perylene	ND	0.031		mg/Kg-dry	1	6/29/02
Benzo(a)pyrene	ND	0.031		mg/Kg-dry	1	6/29/02
Chrysene	ND	0.031		mg/Kg-dry	1	6/29/02
Dibenz(a,h)anthracene	ND	0.031		mg/Kg-dry	1	6/29/02
Fluoranthene	ND	0.031		mg/Kg-dry	1	6/29/02
Fluorene	ND	0.031		mg/Kg-dry	1	6/29/02
Indeno(1,2,3-cd)pyrene	ND	0.031		mg/Kg-dry	1	6/29/02
Naphthalene	0.057	0.031		mg/Kg-dry	1	6/29/02

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value, poor MS/MSD recovery. JAK
 V = non-detect.

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-009

Client Sample ID: HAS SP20 003
Collection Date: 6/19/02 8:45:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	ND	0.031		mg/Kg-dry	1	6/29/02
Pyrene	ND	0.031		mg/Kg-dry	1	6/29/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.4		mg/Kg-dry	1	6/30/02
Bis(2-chloroethyl)ether	ND	0.4		mg/Kg-dry	1	6/30/02
Bis(2-ethylhexyl)phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
4-Bromophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	6/30/02
Butyl benzyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Carbazole	ND	0.4		mg/Kg-dry	1	6/30/02
4-Chloro-3-methylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
4-Chloroaniline	ND	0.4		mg/Kg-dry	1	6/30/02
2-Chloronaphthalene	ND	0.4		mg/Kg-dry	1	6/30/02
2-Chlorophenol	ND	0.4		mg/Kg-dry	1	6/30/02
4-Chlorophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	6/30/02
Dibenzofuran	ND	0.4		mg/Kg-dry	1	6/30/02
1,2-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
1,3-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
1,4-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
3,3'-Dichlorobenzidine	ND	0.8		mg/Kg-dry	1	6/30/02
2,4-Dichlorophenol	ND	0.4		mg/Kg-dry	1	6/30/02
Diethyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Dimethyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Di-n-butyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
2,4-Dimethylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	6/30/02
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	6/30/02
Di-n-octyl phthalate	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachlorobutadiene	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachlorocyclopentadiene	ND	0.4		mg/Kg-dry	1	6/30/02
Hexachloroethane	ND	0.4		mg/Kg-dry	1	6/30/02
Isophorone	ND	0.4		mg/Kg-dry	1	6/30/02
2-Methylnaphthalene	ND	0.4		mg/Kg-dry	1	6/30/02
2-Methylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
4-Methylphenol	ND	0.4		mg/Kg-dry	1	6/30/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-009

Client Sample ID: HAS SP20 003

Collection Date: 6/19/02 8:45:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
Nitrobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
N-Nitrosodi-n-propylamine	ND	0.4		mg/Kg-dry	1	6/30/02
N-Nitrosodiphenylamine	ND	0.4		mg/Kg-dry	1	6/30/02
2, 2'-oxybis(1-Chloropropane)	ND	0.4		mg/Kg-dry	1	6/30/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	6/30/02
Phenol	ND	0.4		mg/Kg-dry	1	6/30/02
1,2,4-Trichlorobenzene	ND	0.4		mg/Kg-dry	1	6/30/02
2,4,5-Trichlorophenol	ND	0.8		mg/Kg-dry	1	6/30/02
2,4,6-Trichlorophenol	ND	0.4		mg/Kg-dry	1	6/30/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	0.09	0.036		mg/Kg-dry	1	6/27/02
Benzene	ND	0.0073		mg/Kg-dry	1	6/27/02
Bromodichloromethane	ND	0.0073		mg/Kg-dry	1	6/27/02
Bromoform	ND	0.0073		mg/Kg-dry	1	6/27/02
Bromomethane	ND	0.015		mg/Kg-dry	1	6/27/02
2-Butanone	ND	0.015		mg/Kg-dry	1	6/27/02
Carbon disulfide	ND	0.0073		mg/Kg-dry	1	6/27/02
Carbon tetrachloride	ND	0.0073		mg/Kg-dry	1	6/27/02
Chlorobenzene	ND	0.0073		mg/Kg-dry	1	6/27/02
Chloroethane	ND	0.015		mg/Kg-dry	1	6/27/02
Chloroform	ND	0.0073		mg/Kg-dry	1	6/27/02
Chloromethane	ND	0.0073		mg/Kg-dry	1	6/27/02
Dibromochloromethane	ND	0.0073		mg/Kg-dry	1	6/27/02
1,1-Dichloroethane	ND	0.0073		mg/Kg-dry	1	6/27/02
1,2-Dichloroethane	ND	0.0073		mg/Kg-dry	1	6/27/02
1,1-Dichloroethene	ND	0.0073		mg/Kg-dry	1	6/27/02
cis-1,2-Dichloroethene	ND	0.0073		mg/Kg-dry	1	6/27/02
trans-1,2-Dichloroethene	ND	0.0073		mg/Kg-dry	1	6/27/02
1,2-Dichloropropane	ND	0.0073		mg/Kg-dry	1	6/27/02
cis-1,3-Dichloropropene	ND	0.0073		mg/Kg-dry	1	6/27/02
trans-1,3-Dichloropropene	ND	0.0073		mg/Kg-dry	1	6/27/02
Ethylbenzene	ND	0.0073		mg/Kg-dry	1	6/27/02
2-Hexanone	ND	0.015		mg/Kg-dry	1	6/27/02
4-Methyl-2-pentanone	ND	0.015		mg/Kg-dry	1	6/27/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-009

Client Sample ID: HAS SP20 003**Collection Date:** 6/19/02 8:45:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Methylene chloride	ND	0.015		mg/Kg-dry	1	6/27/02
Styrene	ND	0.0073		mg/Kg-dry	1	6/27/02
1,1,2,2-Tetrachloroethane	ND	0.0073		mg/Kg-dry	1	6/27/02
Tetrachloroethene	ND	0.0073		mg/Kg-dry	1	6/27/02
Toluene	ND	0.0073		mg/Kg-dry	1	6/27/02
1,1,1-Trichloroethane	ND	0.0073		mg/Kg-dry	1	6/27/02
1,1,2-Trichloroethane	ND	0.0073		mg/Kg-dry	1	6/27/02
Trichloroethene	ND	0.0073		mg/Kg-dry	1	6/27/02
Vinyl chloride	ND	0.0073		mg/Kg-dry	1	6/27/02
m,p-Xylene	ND	0.0073		mg/Kg-dry	1	6/27/02
o-Xylene	ND	0.0073		mg/Kg-dry	1	6/27/02
Cyanide, Total	SW9012A			Prep Date: 6/21/02		Analyst: YZ
Cyanide	ND	0.31		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216			Prep Date: 6/26/02		Analyst: PMS
Percent Moisture	20.06	0.01		wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-010

Client Sample ID: HAS SP21B 001

Collection Date: 6/19/02 9:45:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		Analyst: JF
Aroclor 1016	ND	0.091		mg/Kg-dry	1	6/30/02
Aroclor 1221	ND	0.091		mg/Kg-dry	1	6/30/02
Aroclor 1232	ND	0.091		mg/Kg-dry	1	6/30/02
Aroclor 1242	ND	0.091		mg/Kg-dry	1	6/30/02
Aroclor 1248	ND	0.091		mg/Kg-dry	1	6/30/02
Aroclor 1254	ND	0.18		mg/Kg-dry	1	6/30/02
Aroclor 1260	ND	0.18		mg/Kg-dry	1	6/30/02
Mercury	SW7471A			Prep Date: 6/24/02		Analyst: YZ
Mercury	0.048	0.029		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/24/02		Analyst: MCL
Antimony	ND	UJ	1.1	mg/Kg-dry	10	6/27/02
Arsenic	2.8	0.55		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.55		mg/Kg-dry	10	6/27/02
Cadmium	ND	0.55		mg/Kg-dry	10	6/27/02
Chromium	7.5	1.1		mg/Kg-dry	10	6/27/02
Copper	8.5	J	1.1	mg/Kg-dry	10	6/27/02
Lead	26	J	0.55	mg/Kg-dry	10	6/27/02
Nickel	8.6	J	1.1	mg/Kg-dry	10	6/27/02
Selenium	ND	1.1		mg/Kg-dry	10	6/27/02
Silver	ND	1.1		mg/Kg-dry	10	6/27/02
Thallium	ND	1.1		mg/Kg-dry	10	6/27/02
Zinc	53	5.5		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		Analyst: VS
Acenaphthene	ND	0.029		mg/Kg-dry	1	6/30/02
Acenaphthylene	ND	0.029		mg/Kg-dry	1	6/30/02
Anthracene	0.031	0.029		mg/Kg-dry	1	6/30/02
Benz(a)anthracene	0.17	0.029		mg/Kg-dry	1	6/30/02
Benzo(b)fluoranthene	0.099	0.029		mg/Kg-dry	1	6/30/02
Benzo(k)fluoranthene	0.079	0.029		mg/Kg-dry	1	6/30/02
Benzo(g,h,i)perylene	0.036	0.029		mg/Kg-dry	1	6/30/02
Benzo(a)pyrene	0.085	0.029		mg/Kg-dry	1	6/30/02
Chrysene	0.17	0.029		mg/Kg-dry	1	6/30/02
Dibenz(a,h)anthracene	ND	0.029		mg/Kg-dry	1	6/30/02
Fluoranthene	0.27	0.029		mg/Kg-dry	1	6/30/02
Fluorene	ND	0.029		mg/Kg-dry	1	6/30/02
Indeno(1,2,3-cd)pyrene	0.038	0.029		mg/Kg-dry	1	6/30/02
Naphthalene	ND	0.029		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value, poor MS/MSD recovery. JAK

U = non-detect

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-010

Client Sample ID: HAS SP21B 001

Collection Date: 6/19/02 9:45:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	0.085	0.029		mg/Kg-dry	1	6/30/02
Pyrene	0.28	0.029		mg/Kg-dry	1	6/30/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.38		mg/Kg-dry	1	7/2/02
Bis(2-chloroethyl)ether	ND	0.38		mg/Kg-dry	1	7/2/02
Bis(2-ethylhexyl)phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
4-Bromophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	7/2/02
Butyl benzyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
Carbazole	ND	0.38		mg/Kg-dry	1	7/2/02
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	7/2/02
4-Chloroaniline	ND	0.38		mg/Kg-dry	1	7/2/02
2-Chloronaphthalene	ND	0.38		mg/Kg-dry	1	7/2/02
2-Chlorophenol	ND	0.38		mg/Kg-dry	1	7/2/02
4-Chlorophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	7/2/02
Dibenzofuran	ND	0.38		mg/Kg-dry	1	7/2/02
1,2-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
1,3-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
1,4-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
3,3'-Dichlorobenzidine	ND	0.76		mg/Kg-dry	1	7/2/02
2,4-Dichlorophenol	ND	0.38		mg/Kg-dry	1	7/2/02
Diethyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
Dimethyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
Di-n-butyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
2,4-Dimethylphenol	ND	0.38		mg/Kg-dry	1	7/2/02
4,6-Dinitro-2-methylphenol	ND	1.8		mg/Kg-dry	1	7/2/02
2,4-Dinitrophenol	ND	1.8		mg/Kg-dry	1	7/2/02
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/2/02
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/2/02
Di-n-octyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
Hexachlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
Hexachlorobutadiene	ND	0.38		mg/Kg-dry	1	7/2/02
Hexachlorocyclopentadiene	ND	0.38		mg/Kg-dry	1	7/2/02
Hexachloroethane	ND	0.38		mg/Kg-dry	1	7/2/02
Isophorone	ND	0.38		mg/Kg-dry	1	7/2/02
2-Methylnaphthalene	ND	0.38		mg/Kg-dry	1	7/2/02
2-Methylphenol	ND	0.38		mg/Kg-dry	1	7/2/02
4-Methylphenol	ND	0.38		mg/Kg-dry	1	7/2/02
2-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/02

Qualifiers: ND - Not Detected at the Reporting Limit

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-010

Client Sample ID: HAS SP21B 001**Collection Date:** 6/19/02 9:45:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/02
4-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/02
Nitrobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
2-Nitrophenol	ND	1.8		mg/Kg-dry	1	7/2/02
4-Nitrophenol	ND	1.8		mg/Kg-dry	1	7/2/02
N-Nitrosodi-n-propylamine	ND	0.38		mg/Kg-dry	1	7/2/02
N-Nitrosodiphenylamine	ND	0.38		mg/Kg-dry	1	7/2/02
2, 2'-oxybis(1-Chloropropane)	ND	0.38		mg/Kg-dry	1	7/2/02
Pentachlorophenol	ND	1.8		mg/Kg-dry	1	7/2/02
Phenol	ND	0.38		mg/Kg-dry	1	7/2/02
1,2,4-Trichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
2,4,5-Trichlorophenol	ND	0.76		mg/Kg-dry	1	7/2/02
2,4,6-Trichlorophenol	ND	0.38		mg/Kg-dry	1	7/2/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	ND	0.041		mg/Kg-dry	1	6/27/02
Benzene	ND	0.0081		mg/Kg-dry	1	6/27/02
Bromodichloromethane	ND	0.0081		mg/Kg-dry	1	6/27/02
Bromoform	ND	0.0081		mg/Kg-dry	1	6/27/02
Bromomethane	ND	0.016		mg/Kg-dry	1	6/27/02
2-Butanone	ND	0.016		mg/Kg-dry	1	6/27/02
Carbon disulfide	ND	0.0081		mg/Kg-dry	1	6/27/02
Carbon tetrachloride	ND	0.0081		mg/Kg-dry	1	6/27/02
Chlorobenzene	ND	0.0081		mg/Kg-dry	1	6/27/02
Chloroethane	ND	0.016		mg/Kg-dry	1	6/27/02
Chloroform	ND	0.0081		mg/Kg-dry	1	6/27/02
Chloromethane	ND	0.0081		mg/Kg-dry	1	6/27/02
Dibromochloromethane	ND	0.0081		mg/Kg-dry	1	6/27/02
1,1-Dichloroethane	ND	0.0081		mg/Kg-dry	1	6/27/02
1,2-Dichloroethane	ND	0.0081		mg/Kg-dry	1	6/27/02
1,1-Dichloroethene	ND	0.0081		mg/Kg-dry	1	6/27/02
cis-1,2-Dichloroethene	ND	0.0081		mg/Kg-dry	1	6/27/02
trans-1,2-Dichloroethene	ND	0.0081		mg/Kg-dry	1	6/27/02
1,2-Dichloropropane	ND	0.0081		mg/Kg-dry	1	6/27/02
cis-1,3-Dichloropropene	ND	0.0081		mg/Kg-dry	1	6/27/02
trans-1,3-Dichloropropene	ND	0.0081		mg/Kg-dry	1	6/27/02
Ethylbenzene	ND	0.0081		mg/Kg-dry	1	6/27/02
2-Hexanone	ND	0.016		mg/Kg-dry	1	6/27/02
4-Methyl-2-pentanone	ND	0.016		mg/Kg-dry	1	6/27/02

Qualifiers: ND - Not Detected at the Reporting Limit

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-010

Client Sample ID: HAS SP21B 001**Collection Date:** 6/19/02 9:45:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	0.016		mg/Kg-dry	1	6/27/02
Styrene	ND	0.0081		mg/Kg-dry	1	6/27/02
1,1,2,2-Tetrachloroethane	ND	0.0081		mg/Kg-dry	1	6/27/02
Tetrachloroethene	ND	0.0081		mg/Kg-dry	1	6/27/02
Toluene	ND	0.0081		mg/Kg-dry	1	6/27/02
1,1,1-Trichloroethane	ND	0.0081		mg/Kg-dry	1	6/27/02
1,1,2-Trichloroethane	ND	0.0081		mg/Kg-dry	1	6/27/02
Trichloroethene	ND	0.0081		mg/Kg-dry	1	6/27/02
Vinyl chloride	ND	0.0081		mg/Kg-dry	1	6/27/02
m,p-Xylene	ND	0.0081		mg/Kg-dry	1	6/27/02
o-Xylene	ND	0.0081		mg/Kg-dry	1	6/27/02
Cyanide, Total	SW9012A					
Cyanide	ND	0.29		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216					
Percent Moisture	14.52	0.01		wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-011

Client Sample ID: HAS SP22B 001

Collection Date: 6/19/02 10:10:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		
Aroclor 1016	ND	0.088		mg/Kg-dry	1	6/30/02
Aroclor 1221	ND	0.088		mg/Kg-dry	1	6/30/02
Aroclor 1232	ND	0.088		mg/Kg-dry	1	6/30/02
Aroclor 1242	ND	0.088		mg/Kg-dry	1	6/30/02
Aroclor 1248	ND	0.088		mg/Kg-dry	1	6/30/02
Aroclor 1254	ND	0.18		mg/Kg-dry	1	6/30/02
Aroclor 1260	ND	0.18		mg/Kg-dry	1	6/30/02
Mercury	SW7471A			Prep Date: 6/24/02		
Mercury	0.15	0.027		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/24/02		
Antimony	ND	1.1		mg/Kg-dry	10	6/27/02
Arsenic	4.7	0.54		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.54		mg/Kg-dry	10	6/27/02
Cadmium	ND	0.54		mg/Kg-dry	10	6/27/02
Chromium	9.7	1.1		mg/Kg-dry	10	6/27/02
Copper	12	1.1		mg/Kg-dry	10	6/27/02
Lead	25	0.54		mg/Kg-dry	10	6/27/02
Nickel	16	1.1		mg/Kg-dry	10	6/27/02
Selenium	ND	1.1		mg/Kg-dry	10	6/27/02
Silver	ND	1.1		mg/Kg-dry	10	6/27/02
Thallium	ND	1.1		mg/Kg-dry	10	6/27/02
Zinc	39	5.4		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		
Acenaphthene	ND	0.027		mg/Kg-dry	1	6/30/02
Acenaphthylene	0.04	0.027		mg/Kg-dry	1	6/30/02
Anthracene	0.039	0.027		mg/Kg-dry	1	6/30/02
Benz(a)anthracene	0.17	0.027		mg/Kg-dry	1	6/30/02
Benzo(b)fluoranthene	0.11	0.027		mg/Kg-dry	1	6/30/02
Benzo(k)fluoranthene	0.083	0.027		mg/Kg-dry	1	6/30/02
Benzo(g,h,i)perylene	0.052	0.027		mg/Kg-dry	1	6/30/02
Benzo(a)pyrene	0.1	0.027		mg/Kg-dry	1	6/30/02
Chrysene	0.17	0.027		mg/Kg-dry	1	6/30/02
Dibenz(a,h)anthracene	ND	0.027		mg/Kg-dry	1	6/30/02
Fluoranthene	0.26	0.027		mg/Kg-dry	1	6/30/02
Fluorene	ND	0.027		mg/Kg-dry	1	6/30/02
Indeno(1,2,3-cd)pyrene	0.051	0.027		mg/Kg-dry	1	6/30/02
Naphthalene	0.029	0.027		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value, poor MS/MSD recovery. JAK
 U = non-detect.

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-011

Client Sample ID: HAS SP22B 001

Collection Date: 6/19/02 10:10:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
Phenanthrene	0.11	0.027		mg/Kg-dry	1	6/30/02
Pyrene	0.29	0.027		mg/Kg-dry	1	6/30/02
Semivolatile Organic Compounds by GC/MS						
Bis(2-chloroethoxy)methane	ND	0.36		mg/Kg-dry	1	6/30/02
Bis(2-chloroethyl)ether	ND	0.36		mg/Kg-dry	1	6/30/02
Bis(2-ethylhexyl)phthalate	ND	0.36		mg/Kg-dry	1	6/30/02
4-Bromophenyl phenyl ether	ND	0.36		mg/Kg-dry	1	6/30/02
Butyl benzyl phthalate	ND	0.36		mg/Kg-dry	1	6/30/02
Carbazole	ND	0.36		mg/Kg-dry	1	6/30/02
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	6/30/02
4-Chloroaniline	ND	0.36		mg/Kg-dry	1	6/30/02
2-Chloronaphthalene	ND	0.36		mg/Kg-dry	1	6/30/02
2-Chlorophenol	ND	0.36		mg/Kg-dry	1	6/30/02
4-Chlorophenyl phenyl ether	ND	0.36		mg/Kg-dry	1	6/30/02
Dibenzofuran	ND	0.36		mg/Kg-dry	1	6/30/02
1,2-Dichlorobenzene	ND	0.36		mg/Kg-dry	1	6/30/02
1,3-Dichlorobenzene	ND	0.36		mg/Kg-dry	1	6/30/02
1,4-Dichlorobenzene	ND	0.36		mg/Kg-dry	1	6/30/02
3,3'-Dichlorobenzidine	ND	0.73		mg/Kg-dry	1	6/30/02
2,4-Dichlorophenol	ND	0.36		mg/Kg-dry	1	6/30/02
Diethyl phthalate	ND	0.36		mg/Kg-dry	1	6/30/02
Dimethyl phthalate	ND	0.36		mg/Kg-dry	1	6/30/02
Di-n-butyl phthalate	ND	0.36		mg/Kg-dry	1	6/30/02
2,4-Dimethylphenol	ND	0.36		mg/Kg-dry	1	6/30/02
4,6-Dinitro-2-methylphenol	ND	1.8		mg/Kg-dry	1	6/30/02
2,4-Dinitrophenol	ND	1.8		mg/Kg-dry	1	6/30/02
2,4-Dinitrotoluene	ND	0.27		mg/Kg-dry	1	6/30/02
2,6-Dinitrotoluene	ND	0.27		mg/Kg-dry	1	6/30/02
Di-n-octyl phthalate	ND	0.36		mg/Kg-dry	1	6/30/02
Hexachlorobenzene	ND	0.36		mg/Kg-dry	1	6/30/02
Hexachlorobutadiene	ND	0.36		mg/Kg-dry	1	6/30/02
Hexachlorocyclopentadiene	ND	0.36		mg/Kg-dry	1	6/30/02
Hexachloroethane	ND	0.36		mg/Kg-dry	1	6/30/02
Isophorone	ND	0.36		mg/Kg-dry	1	6/30/02
2-Methylnaphthalene	ND	0.36		mg/Kg-dry	1	6/30/02
2-Methylphenol	ND	0.36		mg/Kg-dry	1	6/30/02
4-Methylphenol	ND	0.36		mg/Kg-dry	1	6/30/02
2-Nitroaniline	ND	1.8		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-011

Client Sample ID: HAS SP22B 001**Collection Date:** 6/19/02 10:10:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.8		mg/Kg-dry	1	6/30/02
4-Nitroaniline	ND	1.8		mg/Kg-dry	1	6/30/02
Nitrobenzene	ND	0.36		mg/Kg-dry	1	6/30/02
2-Nitrophenol	ND	1.8		mg/Kg-dry	1	6/30/02
4-Nitrophenol	ND	1.8		mg/Kg-dry	1	6/30/02
N-Nitrosodi-n-propylamine	ND	0.36		mg/Kg-dry	1	6/30/02
N-Nitrosodiphenylamine	ND	0.36		mg/Kg-dry	1	6/30/02
2, 2'-oxybis(1-Chloropropane)	ND	0.36		mg/Kg-dry	1	6/30/02
Pentachlorophenol	ND	1.8		mg/Kg-dry	1	6/30/02
Phenol	ND	0.36		mg/Kg-dry	1	6/30/02
1,2,4-Trichlorobenzene	ND	0.36		mg/Kg-dry	1	6/30/02
2,4,5-Trichlorophenol	ND	0.73		mg/Kg-dry	1	6/30/02
2,4,6-Trichlorophenol	ND	0.36		mg/Kg-dry	1	6/30/02
Volatile Organic Compounds by GC/MS	SW8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	ND	0.043		mg/Kg-dry	1	6/28/02
Benzene	ND	0.0087		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND	0.0087		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.0087		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.017		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.017		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.0087		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.0087		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.0087		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.0087		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.0087		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.0087		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.0087		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.0087		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.0087		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.0087		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.0087		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.0087		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.0087		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.0087		mg/Kg-dry	1	6/28/02
Ethylbenzene	ND	0.0087		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.017		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	6/28/02

Qualifiers: ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-011

Client Sample ID: HAS SP22B 001**Collection Date:** 6/19/02 10:10:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS				SW5035/8260B		
Methylene chloride	ND	0.017		mg/Kg-dry	1	6/28/02
Styrene	ND	0.0087		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.0087		mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	0.0087		mg/Kg-dry	1	6/28/02
Toluene	ND	0.0087		mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	0.0087		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.0087		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.0087		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.0087		mg/Kg-dry	1	6/28/02
m,p-Xylene	ND	0.0087		mg/Kg-dry	1	6/28/02
o-Xylene	ND	0.0087		mg/Kg-dry	1	6/28/02
Cyanide, Total				SW9012A		
Cyanide	ND	0.28		mg/Kg-dry	1	6/26/02
Percent Moisture				D2216		
Percent Moisture	12.20	0.01		wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-012

Client Sample ID: HAS SP22B 002

Collection Date: 6/19/02 10:30:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		
Aroclor 1016	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1221	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1232	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1242	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1248	ND	0.094		mg/Kg-dry	1	6/30/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	6/30/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	6/30/02
Mercury	SW7471A			Prep Date: 6/24/02		
Mercury	ND	0.028		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/24/02		
Antimony	ND	UJ	1.1	mg/Kg-dry	10	6/27/02
Arsenic	7	0.57		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.57		mg/Kg-dry	10	6/27/02
Cadmium	ND	0.57		mg/Kg-dry	10	6/27/02
Chromium	17	1.1		mg/Kg-dry	10	6/27/02
Copper	25 J	1.1		mg/Kg-dry	10	6/27/02
Lead	23	0.57		mg/Kg-dry	10	6/27/02
Nickel	32	1.1		mg/Kg-dry	10	6/27/02
Selenium	ND	1.1		mg/Kg-dry	10	6/27/02
Silver	ND	1.1		mg/Kg-dry	10	6/27/02
Thallium	ND	1.1		mg/Kg-dry	10	6/27/02
Zinc	41 J	5.7		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		
Acenaphthene	ND	0.029		mg/Kg-dry	1	6/29/02
Acenaphthylene	ND	0.029		mg/Kg-dry	1	6/29/02
Anthracene	ND	0.029		mg/Kg-dry	1	6/29/02
Benz(a)anthracene	ND	0.029		mg/Kg-dry	1	6/29/02
Benzo(b)fluoranthene	ND	0.029		mg/Kg-dry	1	6/29/02
Benzo(k)fluoranthene	ND	0.029		mg/Kg-dry	1	6/29/02
Benzo(g,h,i)perylene	ND	0.029		mg/Kg-dry	1	6/29/02
Benzo(a)pyrene	ND	0.029		mg/Kg-dry	1	6/29/02
Chrysene	ND	0.029		mg/Kg-dry	1	6/29/02
Dibenz(a,h)anthracene	ND	0.029		mg/Kg-dry	1	6/29/02
Fluoranthene	ND	0.029		mg/Kg-dry	1	6/29/02
Fluorene	ND	0.029		mg/Kg-dry	1	6/29/02
Indeno(1,2,3-cd)pyrene	ND	0.029		mg/Kg-dry	1	6/29/02
Naphthalene	0.043	0.029		mg/Kg-dry	1	6/29/02

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

J = estimated value; poor MS/MSD recovery JAK
 U = non-detect

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation
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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-012

Client Sample ID: HAS SP22B 002

Collection Date: 6/19/02 10:30:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
Phenanthrene	0.032	0.029		mg/Kg-dry	1	6/29/02
Pyrene	0.036	0.029		mg/Kg-dry	1	6/29/02
Semivolatile Organic Compounds by GC/MS						
Bis(2-chloroethoxy)methane	ND	0.39		mg/Kg-dry	1	6/30/02
Bis(2-chloroethyl)ether	ND	0.39		mg/Kg-dry	1	6/30/02
Bis(2-ethylhexyl)phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
4-Bromophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	6/30/02
Butyl benzyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Carbazole	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chloroaniline	ND	0.39		mg/Kg-dry	1	6/30/02
2-Chloronaphthalene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Chlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chlorophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	6/30/02
Dibenzofuran	ND	0.39		mg/Kg-dry	1	6/30/02
1,2-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
1,3-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
1,4-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
3,3'-Dichlorobenzidine	ND	0.78		mg/Kg-dry	1	6/30/02
2,4-Dichlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
Diethyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Dimethyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Di-n-butyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
2,4-Dimethylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/30/02
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/30/02
Di-n-octyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorobutadiene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorocyclopentadiene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachloroethane	ND	0.39		mg/Kg-dry	1	6/30/02
Isophorone	ND	0.39		mg/Kg-dry	1	6/30/02
2-Methylnaphthalene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-012

Client Sample ID: HAS SP22B 002**Collection Date:** 6/19/02 10:30:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
Nitrobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
N-Nitrosodi-n-propylamine	ND	0.39		mg/Kg-dry	1	6/30/02
N-Nitrosodiphenylamine	ND	0.39		mg/Kg-dry	1	6/30/02
2, 2'-oxybis(1-Chloropropane)	ND	0.39		mg/Kg-dry	1	6/30/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	6/30/02
Phenol	ND	0.39		mg/Kg-dry	1	6/30/02
1,2,4-Trichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
2,4,5-Trichlorophenol	ND	0.78		mg/Kg-dry	1	6/30/02
2,4,6-Trichlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	0.052	0.043		mg/Kg-dry	1	6/28/02
Benzene	ND	0.0085		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND	0.0085		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.0085		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.017		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.017		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.0085		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.0085		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.0085		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.0085		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.0085		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.0085		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.0085		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.0085		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.0085		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.0085		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.0085		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.0085		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.0085		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.0085		mg/Kg-dry	1	6/28/02
Ethylbenzene	ND	0.0085		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.017		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.017		mg/Kg-dry	1	6/28/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-012

Client Sample ID: HAS SP22B 002**Collection Date:** 6/19/02 10:30:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS				SW5035/8260B		
Methylene chloride	ND	0.017		mg/Kg-dry	1	6/28/02
Styrene	ND	0.0085		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.0085		mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	0.0085		mg/Kg-dry	1	6/28/02
Toluene	ND	0.0085		mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	0.0085		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.0085		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.0085		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.0085		mg/Kg-dry	1	6/28/02
m,p-Xylene	ND	0.0085		mg/Kg-dry	1	6/28/02
o-Xylene	ND	0.0085		mg/Kg-dry	1	6/28/02
Cyanide, Total				SW9012A		
Cyanide	ND	0.3		mg/Kg-dry	1	6/26/02
Percent Moisture				D2216		
Percent Moisture	15.55	0.01		wt%	1	6/26/02

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-013

Client Sample ID: HAS SP23 001

Collection Date: 6/19/02 11:00:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		
Aroclor 1016	ND	0.092		mg/Kg-dry	1	7/1/02
Aroclor 1221	ND	0.092		mg/Kg-dry	1	7/1/02
Aroclor 1232	ND	0.092		mg/Kg-dry	1	7/1/02
Aroclor 1242	ND	0.092		mg/Kg-dry	1	7/1/02
Aroclor 1248	ND	0.092		mg/Kg-dry	1	7/1/02
Aroclor 1254	ND	0.18		mg/Kg-dry	1	7/1/02
Aroclor 1260	ND	0.18		mg/Kg-dry	1	7/1/02
Mercury	SW7471A			Prep Date: 6/24/02		
Mercury	0.23	0.03		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/24/02		
Antimony	ND	1.1		mg/Kg-dry	10	6/27/02
Arsenic	5.9	0.55		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.55		mg/Kg-dry	10	6/27/02
Cadmium	ND	0.55		mg/Kg-dry	10	6/27/02
Chromium	23	1.1		mg/Kg-dry	10	6/27/02
Copper	26	1.1		mg/Kg-dry	10	6/27/02
Lead	26	0.55		mg/Kg-dry	10	6/27/02
Nickel	30	1.1		mg/Kg-dry	10	6/27/02
Selenium	ND	1.1		mg/Kg-dry	10	6/27/02
Silver	ND	1.1		mg/Kg-dry	10	6/27/02
Thallium	ND	1.1		mg/Kg-dry	10	6/27/02
Zinc	53	5.5		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		
Acenaphthene	ND	0.029		mg/Kg-dry	1	6/30/02
Acenaphthylene	ND	0.029		mg/Kg-dry	1	6/30/02
Anthracene	0.035	0.029		mg/Kg-dry	1	6/30/02
Benz(a)anthracene	0.19	0.029		mg/Kg-dry	1	6/30/02
Benzo(b)fluoranthene	0.043	0.029		mg/Kg-dry	1	6/30/02
Benzo(k)fluoranthene	0.03	0.029		mg/Kg-dry	1	6/30/02
Benzo(g,h,i)perylene	0.039	0.029		mg/Kg-dry	1	6/30/02
Benzo(a)pyrene	0.051	0.029		mg/Kg-dry	1	6/30/02
Chrysene	0.23	0.029		mg/Kg-dry	1	6/30/02
Dibenz(a,h)anthracene	ND	0.029		mg/Kg-dry	1	6/30/02
Fluoranthene	0.11	0.029		mg/Kg-dry	1	6/30/02
Fluorene	ND	0.029		mg/Kg-dry	1	6/30/02
Indeno(1,2,3-cd)pyrene	ND	0.029		mg/Kg-dry	1	6/30/02
Naphthalene	0.034	0.029		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value; poor MS/MSD recovery. JAK

U = non-detect

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-013

Client Sample ID: HAS SP23 001**Collection Date:** 6/19/02 11:00:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	0.054	0.029		mg/Kg-dry	1	6/30/02
Pyrene	0.25	0.029		mg/Kg-dry	1	6/30/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.38		mg/Kg-dry	1	7/2/02
Bis(2-chloroethyl)ether	ND	0.38		mg/Kg-dry	1	7/2/02
Bis(2-ethylhexyl)phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
4-Bromophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	7/2/02
Butyl benzyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
Carbazole	ND	0.38		mg/Kg-dry	1	7/2/02
4-Chloro-3-methyphenol	ND	0.38		mg/Kg-dry	1	7/2/02
4-Chloroaniline	ND	0.38		mg/Kg-dry	1	7/2/02
2-Chloronaphthalene	ND	0.38		mg/Kg-dry	1	7/2/02
2-Chlorophenol	ND	0.38		mg/Kg-dry	1	7/2/02
4-Chlorophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	7/2/02
Dibenzofuran	ND	0.38		mg/Kg-dry	1	7/2/02
1,2-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
1,3-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
1,4-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
3,3'-Dichlorobenzidine	ND	0.77		mg/Kg-dry	1	7/2/02
2,4-Dichlorophenol	ND	0.38		mg/Kg-dry	1	7/2/02
Diethyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
Dimethyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
Di-n-butyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
2,4-Dimethylphenol	ND	0.38		mg/Kg-dry	1	7/2/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	7/2/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	7/2/02
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/2/02
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/2/02
Di-n-octyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/02
Hexachlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
Hexachlorobutadiene	ND	0.38		mg/Kg-dry	1	7/2/02
Hexachlorocyclopentadiene	ND	0.38		mg/Kg-dry	1	7/2/02
Hexachloroethane	ND	0.38		mg/Kg-dry	1	7/2/02
Isophorone	ND	0.38		mg/Kg-dry	1	7/2/02
2-Methylnaphthalene	ND	0.38		mg/Kg-dry	1	7/2/02
2-Methylphenol	ND	0.38		mg/Kg-dry	1	7/2/02
4-Methylphenol	ND	0.38		mg/Kg-dry	1	7/2/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/02

Qualifiers: ND - Not Detected at the Reporting Limit

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-013

Client Sample ID: HAS SP23 001**Collection Date:** 6/19/02 11:00:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/02
Nitrobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/2/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/2/02
N-Nitrosodi-n-propylamine	ND	0.38		mg/Kg-dry	1	7/2/02
N-Nitrosodiphenylamine	ND	0.38		mg/Kg-dry	1	7/2/02
2, 2'-oxybis(1-Chloropropane)	ND	0.38		mg/Kg-dry	1	7/2/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	7/2/02
Phenol	ND	0.38		mg/Kg-dry	1	7/2/02
1,2,4-Trichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/02
2,4,5-Trichlorophenol	ND	0.77		mg/Kg-dry	1	7/2/02
2,4,6-Trichlorophenol	ND	0.38		mg/Kg-dry	1	7/2/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	ND	0.061		mg/Kg-dry	1	6/28/02
Benzene	ND	0.012		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND	0.012		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.012		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.024		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.024		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.012		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.012		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.012		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.024		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.012		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.012		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.012		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.012		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.012		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.012		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.012		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.012		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.012		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.012		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.012		mg/Kg-dry	1	6/28/02
Ethylbenzene	ND	0.012		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.024		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.024		mg/Kg-dry	1	6/28/02

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-013

Client Sample ID: HAS SP23 001**Collection Date:** 6/19/02 11:00:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	0.024		mg/Kg-dry	1	6/28/02
Styrene	ND	0.012		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.012		mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	0.012		mg/Kg-dry	1	6/28/02
Toluene	ND	0.012		mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	0.012		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.012		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.012		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.012		mg/Kg-dry	1	6/28/02
m,p-Xylene	ND	0.012		mg/Kg-dry	1	6/28/02
o-Xylene	ND	0.012		mg/Kg-dry	1	6/28/02
Cyanide, Total	SW9012A					
Cyanide	ND	0.29		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216					
Percent Moisture	15.53	0.01		wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit

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* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell

Client Sample ID: HAS SP23 002

Lab Order: 0206148

Collection Date: 6/19/02 11:20:00 AM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0206148-014

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		Analyst: JF
Aroclor 1016	ND	0.097		mg/Kg-dry	1	7/1/02
Aroclor 1221	ND	0.097		mg/Kg-dry	1	7/1/02
Aroclor 1232	ND	0.097		mg/Kg-dry	1	7/1/02
Aroclor 1242	ND	0.097		mg/Kg-dry	1	7/1/02
Aroclor 1248	ND	0.097		mg/Kg-dry	1	7/1/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	7/1/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	7/1/02
Mercury	SW7471A			Prep Date: 6/24/02		Analyst: YZ
Mercury	0.13	0.031		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/24/02		Analyst: MCL
Antimony	ND	1.2		mg/Kg-dry	10	6/27/02
Arsenic	4.1	0.59		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.59		mg/Kg-dry	10	6/27/02
Cadmium	ND	0.59		mg/Kg-dry	10	6/27/02
Chromium	17	1.2		mg/Kg-dry	10	6/27/02
Copper	17	1.2		mg/Kg-dry	10	6/27/02
Lead	54	0.59		mg/Kg-dry	10	6/27/02
Nickel	15	1.2		mg/Kg-dry	10	6/27/02
Selenium	ND	1.2		mg/Kg-dry	10	6/27/02
Silver	ND	1.2		mg/Kg-dry	10	6/27/02
Thallium	ND	1.2		mg/Kg-dry	10	6/27/02
Zinc	62	5.9		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		Analyst: VS
Acenaphthene	0.069	0.03		mg/Kg-dry	1	6/30/02
Acenaphthylene	ND	0.03		mg/Kg-dry	1	6/30/02
Anthracene	0.17	0.03		mg/Kg-dry	1	6/30/02
Benz(a)anthracene	0.33	0.03		mg/Kg-dry	1	6/30/02
Benzo(b)fluoranthene	0.11	0.03		mg/Kg-dry	1	6/30/02
Benzo(k)fluoranthene	0.14	0.03		mg/Kg-dry	1	6/30/02
Benzo(g,h,i)perylene	0.085	0.03		mg/Kg-dry	1	6/30/02
Benzo(a)pyrene	0.13	0.03		mg/Kg-dry	1	6/30/02
Chrysene	0.32	0.03		mg/Kg-dry	1	6/30/02
Dibenz(a,h)anthracene	0.034	0.03		mg/Kg-dry	1	6/30/02
Fluoranthene	1	0.3		mg/Kg-dry	10	6/30/02
Fluorene	0.081	0.03		mg/Kg-dry	1	6/30/02
Indeno(1,2,3-cd)pyrene	0.091	0.03		mg/Kg-dry	1	6/30/02
Naphthalene	0.096	0.03		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

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J - Analyte detected below quantitation limits

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* - Value exceeds Maximum Contaminant Level

Page 53 of 93

J = estimated value, poor MS/MSD recovery. STAT
ND = non-detect.

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-014

Client Sample ID: HAS SP23 002**Collection Date:** 6/19/02 11:20:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	0.65	0.3		mg/Kg-dry	10	6/30/02
Pyrene	0.95	0.3		mg/Kg-dry	10	6/30/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.4		mg/Kg-dry	1	7/2/02
Bis(2-chloroethyl)ether	ND	0.4		mg/Kg-dry	1	7/2/02
Bis(2-ethylhexyl)phthalate	ND	0.4		mg/Kg-dry	1	7/2/02
4-Bromophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/2/02
Butyl benzyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/02
Carbazole	ND	0.4		mg/Kg-dry	1	7/2/02
4-Chloro-3-methylphenol	ND	0.4		mg/Kg-dry	1	7/2/02
4-Chloroaniline	ND	0.4		mg/Kg-dry	1	7/2/02
2-Chloronaphthalene	ND	0.4		mg/Kg-dry	1	7/2/02
2-Chlorophenol	ND	0.4		mg/Kg-dry	1	7/2/02
4-Chlorophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/2/02
Dibenzofuran	ND	0.4		mg/Kg-dry	1	7/2/02
1,2-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/02
1,3-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/02
1,4-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/02
3,3'-Dichlorobenzidine	ND	0.8		mg/Kg-dry	1	7/2/02
2,4-Dichlorophenol	ND	0.4		mg/Kg-dry	1	7/2/02
Diethyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/02
Dimethyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/02
Di-n-butyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/02
2,4-Dimethyphenol	ND	0.4		mg/Kg-dry	1	7/2/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	7/2/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	7/2/02
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/2/02
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/2/02
Di-n-octyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/02
Hexachlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/02
Hexachlorobutadiene	ND	0.4		mg/Kg-dry	1	7/2/02
Hexachlorocyclopentadiene	ND	0.4		mg/Kg-dry	1	7/2/02
Hexachloroethane	ND	0.4		mg/Kg-dry	1	7/2/02
Isophorone	ND	0.4		mg/Kg-dry	1	7/2/02
2-Methylnaphthalene	ND	0.4		mg/Kg-dry	1	7/2/02
2-Methylphenol	ND	0.4		mg/Kg-dry	1	7/2/02
4-Methylphenol	ND	0.4		mg/Kg-dry	1	7/2/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-014

Client Sample ID: HAS SP23 002**Collection Date:** 6/19/02 11:20:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
		SW8270C			Prep Date: 6/29/02	Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/02
Nitrobenzene	ND	0.4		mg/Kg-dry	1	7/2/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/2/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/2/02
N-Nitrosodi-n-propylamine	ND	0.4		mg/Kg-dry	1	7/2/02
N-Nitrosodiphenylamine	ND	0.4		mg/Kg-dry	1	7/2/02
2, 2'-oxybis(1-Chloropropane)	ND	0.4		mg/Kg-dry	1	7/2/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	7/2/02
Phenol	ND	0.4		mg/Kg-dry	1	7/2/02
1,2,4-Trichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/02
2,4,5-Trichlorophenol	ND	0.8		mg/Kg-dry	1	7/2/02
2,4,6-Trichlorophenol	ND	0.4		mg/Kg-dry	1	7/2/02
Volatile Organic Compounds by GC/MS						
		SW5035/8260B			Prep Date: 6/20/02	Analyst: PS
Acetone	ND	0.083		mg/Kg-dry	1	6/28/02
Benzene	2.6	0.25		mg/Kg-dry	50	6/28/02
Bromodichloromethane	ND	0.017		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.017		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.033		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.033		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.017		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.017		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.017		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.033		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.017		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.017		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.017		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.017		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.017		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.017		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.017		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.017		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.017		mg/Kg-dry	1	6/28/02
Ethylbenzene	ND	0.017		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.033		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.033		mg/Kg-dry	1	6/28/02

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-014

Client Sample ID: HAS SP23 002**Collection Date:** 6/19/02 11:20:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: PS
Methylene chloride	ND	0.033		mg/Kg-dry	1	6/28/02
Styrene	ND	0.017		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	0.017		mg/Kg-dry	1	6/28/02
Toluene	ND	0.017		mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.017		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.017		mg/Kg-dry	1	6/28/02
m,p-Xylene	ND	0.017		mg/Kg-dry	1	6/28/02
o-Xylene	ND	0.017		mg/Kg-dry	1	6/28/02
Cyanide, Total	SW9012A			Prep Date: 6/24/02		Analyst: YZ
Cyanide	ND	0.31		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216			Prep Date: 6/26/02		Analyst: PMS
Percent Moisture	18.66	0.01		wt%	1	6/26/02

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-015

Client Sample ID: HAS SP24 001

Collection Date: 6/19/02 11:45:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs						
Aroclor 1016	ND	0.14		mg/Kg-dry	1	7/1/02
Aroclor 1221	ND	0.14		mg/Kg-dry	1	7/1/02
Aroclor 1232	ND	0.14		mg/Kg-dry	1	7/1/02
Aroclor 1242	ND	0.14		mg/Kg-dry	1	7/1/02
Aroclor 1248	ND	0.14		mg/Kg-dry	1	7/1/02
Aroclor 1254	ND	0.27		mg/Kg-dry	1	7/1/02
Aroclor 1260	ND	0.27		mg/Kg-dry	1	7/1/02
Mercury						
Mercury	0.82	0.043		Prep Date: 6/24/02		Analyst: YZ
				mg/Kg-dry	1	6/26/02
Metals by ICP/MS						
				SW6020		Analyst: MCL
Antimony	13	1.7		Prep Date: 6/24/02		
Arsenic	14	0.83		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.83		mg/Kg-dry	10	6/27/02
Cadmium	2.4	0.83		mg/Kg-dry	10	6/27/02
Chromium	170	8.3		mg/Kg-dry	50	6/27/02
Copper	140	8.3		mg/Kg-dry	50	6/27/02
Lead	2200	0.83		mg/Kg-dry	10	6/27/02
Nickel	77	8.3		mg/Kg-dry	50	6/27/02
Selenium	ND	1.7		mg/Kg-dry	10	6/27/02
Silver	ND	1.7		mg/Kg-dry	10	6/27/02
Thallium	ND	1.7		mg/Kg-dry	10	6/27/02
Zinc	740	42		mg/Kg-dry	50	6/27/02
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		Analyst: VS
Acenaphthene	2.6	0.44		Prep Date: 6/29/02		
Acenaphthylene	2.7	0.44		mg/Kg-dry	10	6/30/02
Anthracene	5.1	4.4		mg/Kg-dry	100	6/30/02
Benz(a)anthracene	3.6	0.44		mg/Kg-dry	10	6/30/02
Benzo(b)fluoranthene	1.5	0.44		mg/Kg-dry	10	6/30/02
Benzo(k)fluoranthene	1.7	0.44		mg/Kg-dry	10	6/30/02
Benzo(g,h,i)perylene	0.48	0.044		mg/Kg-dry	1	6/30/02
Benzo(a)pyrene	2.3	0.44		mg/Kg-dry	10	6/30/02
Chrysene	3.8	0.44		mg/Kg-dry	10	6/30/02
Dibenz(a,h)anthracene	0.26	0.044		mg/Kg-dry	1	6/30/02
Fluoranthene	8.5	4.4		mg/Kg-dry	100	6/30/02
Fluorene	7.3	4.4		mg/Kg-dry	100	6/30/02
Indeno(1,2,3-cd)pyrene	0.46	0.044		mg/Kg-dry	1	6/30/02
Naphthalene	170	44		mg/Kg-dry	1000	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

Page 57 of 93

J=estimated value; poor MS/MSD recovery. JAK

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-015

Client Sample ID: HAS SP24 001

Collection Date: 6/19/02 11:45:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	18	4.4		mg/Kg-dry	100	6/30/02
Pyrene	9.5	4.4		mg/Kg-dry	100	6/30/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.58		mg/Kg-dry	1	7/2/02
Bis(2-chloroethyl)ether	ND	0.58		mg/Kg-dry	1	7/2/02
Bis(2-ethylhexyl)phthalate	0.97	0.58		mg/Kg-dry	1	7/2/02
4-Bromophenyl phenyl ether	ND	0.58		mg/Kg-dry	1	7/2/02
Butyl benzyl phthalate	ND	0.58		mg/Kg-dry	1	7/2/02
Carbazole	2.6	0.58		mg/Kg-dry	1	7/2/02
4-Chloro-3-methylphenol	ND	0.58		mg/Kg-dry	1	7/2/02
4-Chloroaniline	ND	0.58		mg/Kg-dry	1	7/2/02
2-Chloronaphthalene	ND	0.58		mg/Kg-dry	1	7/2/02
2-Chlorophenol	ND	0.58		mg/Kg-dry	1	7/2/02
4-Chlorophenyl phenyl ether	ND	0.58		mg/Kg-dry	1	7/2/02
Dibenzofuran	2.5	0.58		mg/Kg-dry	1	7/2/02
1,2-Dichlorobenzene	ND	0.58		mg/Kg-dry	1	7/2/02
1,3-Dichlorobenzene	ND	0.58		mg/Kg-dry	1	7/2/02
1,4-Dichlorobenzene	ND	0.58		mg/Kg-dry	1	7/2/02
3,3'-Dichlorobenzidine	ND	1.2		mg/Kg-dry	1	7/2/02
2,4-Dichlorophenol	ND	0.58		mg/Kg-dry	1	7/2/02
Diethyl phthalate	ND	0.58		mg/Kg-dry	1	7/2/02
Dimethyl phthalate	ND	0.58		mg/Kg-dry	1	7/2/02
Di-n-butyl phthalate	ND	0.58		mg/Kg-dry	1	7/2/02
2,4-Dimethylphenol	ND	0.58		mg/Kg-dry	1	7/2/02
4,6-Dinitro-2-methylphenol	ND	2.8		mg/Kg-dry	1	7/2/02
2,4-Dinitrophenol	ND	2.8		mg/Kg-dry	1	7/2/02
2,4-Dinitrotoluene	ND	0.44		mg/Kg-dry	1	7/2/02
2,6-Dinitrotoluene	ND	0.44		mg/Kg-dry	1	7/2/02
Di-n-octyl phthalate	ND	0.58		mg/Kg-dry	1	7/2/02
Hexachlorobenzene	ND	0.58		mg/Kg-dry	1	7/2/02
Hexachlorobutadiene	ND	0.58		mg/Kg-dry	1	7/2/02
Hexachlorocyclopentadiene	ND	0.58		mg/Kg-dry	1	7/2/02
Hexachloroethane	ND	0.58		mg/Kg-dry	1	7/2/02
Isophorone	ND	0.58		mg/Kg-dry	1	7/2/02
2-Methylnaphthalene	110	28		mg/Kg-dry	50	7/3/02
2-Methylphenol	ND	0.58		mg/Kg-dry	1	7/2/02
4-Methylphenol	ND	0.58		mg/Kg-dry	1	7/2/02
2-Nitroaniline	ND	2.8		mg/Kg-dry	1	7/2/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

2201 West Campbell Park Drive Chicago, IL 60612-3547

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-015

Client Sample ID: HAS SP24 001

Collection Date: 6/19/02 11:45:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	2.8		mg/Kg-dry	1	7/2/02
4-Nitroaniline	ND	2.8		mg/Kg-dry	1	7/2/02
Nitrobenzene	ND	0.58		mg/Kg-dry	1	7/2/02
2-Nitrophenol	ND	2.8		mg/Kg-dry	1	7/2/02
4-Nitrophenol	ND	2.8		mg/Kg-dry	1	7/2/02
N-Nitrosodi-n-propylamine	ND	0.58		mg/Kg-dry	1	7/2/02
N-Nitrosodiphenylamine	ND	0.58		mg/Kg-dry	1	7/2/02
2, 2'-oxybis(1-Chloropropane)	ND	0.58		mg/Kg-dry	1	7/2/02
Pentachlorophenol	ND	2.8		mg/Kg-dry	1	7/2/02
Phenol	ND	0.58		mg/Kg-dry	1	7/2/02
1,2,4-Trichlorobenzene	ND	0.58		mg/Kg-dry	1	7/2/02
2,4,5-Trichlorophenol	ND	1.2		mg/Kg-dry	1	7/2/02
2,4,6-Trichlorophenol	ND	0.58		mg/Kg-dry	1	7/2/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	0.22	0.13		mg/Kg-dry	1	6/28/02
Benzene	25	2.1		mg/Kg-dry	200	6/28/02
Bromodichloromethane	ND	0.027		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.027		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.053		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.053		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.027		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.027		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.027		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.053		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.027		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.027		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.027		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.027		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.027		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.027		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.027		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.027		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.027		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.027		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.027		mg/Kg-dry	1	6/28/02
Ethylbenzene	52	2.1		mg/Kg-dry	200	6/28/02
2-Hexanone	ND	0.053		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.053		mg/Kg-dry	1	6/28/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value, poor surrogate recovery. (undiluted results) JA K
 V = non-detect

STAT Analysis Corporation

2201 West Campbell Park Drive Chicago, IL 60612-3547

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-015

Client Sample ID: HAS SP24 001**Collection Date:** 6/19/02 11:45:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Methylene chloride	ND ✓	0.053		mg/Kg-dry	1	6/28/02
Styrene	ND	0.027		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.027		mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	0.027		mg/Kg-dry	1	6/28/02
Toluene	1.1	0.53		mg/Kg-dry	50	6/28/02
1,1,1-Trichloroethane	ND ✓	0.027		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.027		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.027		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.027		mg/Kg-dry	1	6/28/02
m,p-Xylene	17	0.53		mg/Kg-dry	50	6/28/02
o-Xylene	6.6	0.53		mg/Kg-dry	50	6/28/02
Cyanide, Total	SW9012A			Prep Date: 6/24/02		Analyst: YZ
Cyanide	6.3	0.43		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216			Prep Date: 6/26/02		Analyst: PMS
Percent Moisture	42.67	0.01		wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

J = estimated value, poor surrogate recovery. (undiluted results) JAK
 U = non-detect

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-016

Client Sample ID: HAS SP25 001

Collection Date: 6/19/02 1:05:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.092		mg/Kg-dry	1	7/1/02
Aroclor 1221	ND	0.092		mg/Kg-dry	1	7/1/02
Aroclor 1232	ND	0.092		mg/Kg-dry	1	7/1/02
Aroclor 1242	ND	0.092		mg/Kg-dry	1	7/1/02
Aroclor 1248	ND	0.092		mg/Kg-dry	1	7/1/02
Aroclor 1254	ND	0.18		mg/Kg-dry	1	7/1/02
Aroclor 1260	ND	0.18		mg/Kg-dry	1	7/1/02
Mercury	SW7471A					
Mercury	0.19	0.028		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020					
Antimony	ND	UJ	1.1	mg/Kg-dry	10	6/27/02
Arsenic	17	0.57		mg/Kg-dry	10	6/27/02
Beryllium	0.71	0.57		mg/Kg-dry	10	6/27/02
Cadmium	ND	0.57		mg/Kg-dry	10	6/27/02
Chromium	20	1.1		mg/Kg-dry	10	6/27/02
Copper	32 J	1.1		mg/Kg-dry	10	6/27/02
Lead	27 J	0.57		mg/Kg-dry	10	6/27/02
Nickel	40 J	1.1		mg/Kg-dry	10	6/27/02
Selenium	ND	1.1		mg/Kg-dry	10	6/27/02
Silver	ND	1.1		mg/Kg-dry	10	6/27/02
Thallium	1.2	1.1		mg/Kg-dry	10	6/27/02
Zinc	50	5.7		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	ND	0.029		mg/Kg-dry	1	6/29/02
Acenaphthylene	0.05	0.029		mg/Kg-dry	1	6/29/02
Anthracene	0.067	0.029		mg/Kg-dry	1	6/29/02
Benz(a)anthracene	0.3	0.029		mg/Kg-dry	1	6/29/02
Benzo(b)fluoranthene	0.21	0.029		mg/Kg-dry	1	6/29/02
Benzo(k)fluoranthene	0.22	0.029		mg/Kg-dry	1	6/29/02
Benzo(g,h,i)perylene	0.17	0.029		mg/Kg-dry	1	6/29/02
Benzo(a)pyrene	0.33	0.029		mg/Kg-dry	1	6/29/02
Chrysene	0.29	0.029		mg/Kg-dry	1	6/29/02
Dibenz(a,h)anthracene	0.057	0.029		mg/Kg-dry	1	6/29/02
Fluoranthene	0.76	0.29		mg/Kg-dry	10	6/30/02
Fluorene	ND	0.029		mg/Kg-dry	1	6/29/02
Indeno(1,2,3-cd)pyrene	0.16	0.029		mg/Kg-dry	1	6/29/02
Naphthalene	ND	0.029		mg/Kg-dry	1	6/29/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value, poor MS/MSD recovery. JAt

U = non-detect

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-016

Client Sample ID: HAS SP25 001
Collection Date: 6/19/02 1:05:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	0.19	0.029		mg/Kg-dry	1	6/29/02
Pyrene	0.8	0.29		mg/Kg-dry	10	6/30/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.39		mg/Kg-dry	1	6/30/02
Bis(2-chloroethyl)ether	ND	0.39		mg/Kg-dry	1	6/30/02
Bis(2-ethylhexyl)phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
4-Bromophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	6/30/02
Butyl benzyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Carbazole	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chloroaniline	ND	0.39		mg/Kg-dry	1	6/30/02
2-Chloronaphthalene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Chlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chlorophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	6/30/02
Dibenzofuran	ND	0.39		mg/Kg-dry	1	6/30/02
1,2-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
1,3-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
1,4-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
3,3'-Dichlorobenzidine	ND	0.78		mg/Kg-dry	1	6/30/02
2,4-Dichlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
Diethyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Dimethyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Di-n-butyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
2,4-Dimethylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/30/02
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/30/02
Di-n-octyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorobutadiene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorocyclopentadiene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachloroethane	ND	0.39		mg/Kg-dry	1	6/30/02
Isophorone	ND	0.39		mg/Kg-dry	1	6/30/02
2-Methylnaphthalene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B ~ Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-016

Client Sample ID: HAS SP25 001**Collection Date:** 6/19/02 1:05:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
Nitrobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
N-Nitrosodi-n-propylamine	ND	0.39		mg/Kg-dry	1	6/30/02
N-Nitrosodiphenylamine	ND	0.39		mg/Kg-dry	1	6/30/02
2, 2'-oxybis(1-Chloropropane)	ND	0.39		mg/Kg-dry	1	6/30/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	6/30/02
Phenol	ND	0.39		mg/Kg-dry	1	6/30/02
1,2,4-Trichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
2,4,5-Trichlorophenol	ND	0.78		mg/Kg-dry	1	6/30/02
2,4,6-Trichlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: PS
Acetone	ND	0.047		mg/Kg-dry	1	6/28/02
Benzene	ND	0.0095		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND	0.0095		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.0095		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.019		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.019		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.0095		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.0095		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.0095		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.019		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.0095		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.0095		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.0095		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.0095		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.0095		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.0095		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.0095		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.0095		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.0095		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.0095		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.0095		mg/Kg-dry	1	6/28/02
Ethylbenzene	ND	0.0095		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.019		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	6/28/02

Qualifiers: ND - Not Detected at the Reporting Limit

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J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-016

Client Sample ID: HAS SP25 001
Collection Date: 6/19/02 1:05:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: PS
Methylene chloride	ND	0.019		mg/Kg-dry	1	6/28/02
Styrene	ND	0.0095		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.0095		mg/Kg-dry	1	6/28/02
Tetrachloroethene	0.015	0.0095		mg/Kg-dry	1	6/28/02
Toluene	ND	0.0095		mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	0.0095		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.0095		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.0095		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.0095		mg/Kg-dry	1	6/28/02
m,p-Xylene	ND	0.0095		mg/Kg-dry	1	6/28/02
o-Xylene	ND	0.0095		mg/Kg-dry	1	6/28/02
Cyanide, Total	SW9012A			Prep Date: 6/24/02		Analyst: YZ
Cyanide	ND	0.3		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216			Prep Date: 6/26/02		Analyst: PMS
Percent Moisture	16.73	0.01		wt%	1	6/26/02

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-017

Client Sample ID: HAS SP25 002

Collection Date: 6/19/02 1:20:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs				SW8082		
Aroclor 1016	ND	0.11		mg/Kg-dry	1	7/1/02
Aroclor 1221	ND	0.11		mg/Kg-dry	1	7/1/02
Aroclor 1232	ND	0.11		mg/Kg-dry	1	7/1/02
Aroclor 1242	ND	0.11		mg/Kg-dry	1	7/1/02
Aroclor 1248	ND	0.11		mg/Kg-dry	1	7/1/02
Aroclor 1254	ND	0.21		mg/Kg-dry	1	7/1/02
Aroclor 1260	ND	0.21		mg/Kg-dry	1	7/1/02
Mercury				SW7471A		
Mercury	0.26	0.031		mg/Kg-dry	1	Analyst: YZ 6/26/02
Metals by ICP/MS				SW6020		
Antimony	ND	1.3		mg/Kg-dry	10	Analyst: MCL 6/27/02
Arsenic	5.5	0.65		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.65		mg/Kg-dry	10	6/27/02
Cadmium	ND	0.65		mg/Kg-dry	10	6/27/02
Chromium	15	1.3		mg/Kg-dry	10	6/27/02
Copper	29	1.3		mg/Kg-dry	10	6/27/02
Lead	65	0.65		mg/Kg-dry	10	6/27/02
Nickel	18	1.3		mg/Kg-dry	10	6/27/02
Selenium	ND	1.3		mg/Kg-dry	10	6/27/02
Silver	ND	1.3		mg/Kg-dry	10	6/27/02
Thallium	ND	1.3		mg/Kg-dry	10	6/27/02
Zinc	90	6.5		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Acenaphthene	0.059	0.034		mg/Kg-dry	1	Analyst: VS 6/30/02
Acenaphthylene	0.095	0.034		mg/Kg-dry	1	6/30/02
Anthracene	0.27	0.034		mg/Kg-dry	1	6/30/02
Benz(a)anthracene	0.39	0.34		mg/Kg-dry	10	6/30/02
Benzo(b)fluoranthene	0.3	0.034		mg/Kg-dry	1	6/30/02
Benzo(k)fluoranthene	0.24	0.034		mg/Kg-dry	1	6/30/02
Benzo(g,h,i)perylene	0.087	0.034		mg/Kg-dry	1	6/30/02
Benzo(a)pyrene	0.25	0.034		mg/Kg-dry	1	6/30/02
Chrysene	0.44	0.034		mg/Kg-dry	1	6/30/02
Dibenz(a,h)anthracene	0.039	0.034		mg/Kg-dry	1	6/30/02
Fluoranthene	0.84	0.34		mg/Kg-dry	10	6/30/02
Fluorene	0.15	0.034		mg/Kg-dry	1	6/30/02
Indeno(1,2,3-cd)pyrene	0.1	0.034		mg/Kg-dry	1	6/30/02
Naphthalene	0.41	0.034		mg/Kg-dry	1	6/30/02

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
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 E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level
 J=estimated value; poor MS/MSD recovery. JAK
 ND = non-detect.

STAT Analysis Corporation
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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-017

Client Sample ID: HAS SP25 002

Collection Date: 6/19/02 1:20:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
Phenanthrene	0.65	0.34		mg/Kg-dry	10	6/30/02
Pyrene	0.76	0.34		mg/Kg-dry	10	6/30/02
Semivolatile Organic Compounds by GC/MS						
Bis(2-chloroethoxy)methane	ND	0.45		mg/Kg-dry	1	6/30/02
Bis(2-chloroethyl)ether	ND	0.45		mg/Kg-dry	1	6/30/02
Bis(2-ethylhexyl)phthalate	ND	0.45		mg/Kg-dry	1	6/30/02
4-Bromophenyl phenyl ether	ND	0.45		mg/Kg-dry	1	6/30/02
Butyl benzyl phthalate	ND	0.45		mg/Kg-dry	1	6/30/02
Carbazole	ND	0.45		mg/Kg-dry	1	6/30/02
4-Chloro-3-methylphenol	ND	0.45		mg/Kg-dry	1	6/30/02
4-Chloroaniline	ND	0.45		mg/Kg-dry	1	6/30/02
2-Chloronaphthalene	ND	0.45		mg/Kg-dry	1	6/30/02
2-Chlorophenol	ND	0.45		mg/Kg-dry	1	6/30/02
4-Chlorophenyl phenyl ether	ND	0.45		mg/Kg-dry	1	6/30/02
Dibenzofuran	ND	0.45		mg/Kg-dry	1	6/30/02
1,2-Dichlorobenzene	ND	0.45		mg/Kg-dry	1	6/30/02
1,3-Dichlorobenzene	ND	0.45		mg/Kg-dry	1	6/30/02
1,4-Dichlorobenzene	ND	0.45		mg/Kg-dry	1	6/30/02
3,3'-Dichlorobenzidine	ND	0.89		mg/Kg-dry	1	6/30/02
2,4-Dichlorophenol	ND	0.45		mg/Kg-dry	1	6/30/02
Diethyl phthalate	ND	0.45		mg/Kg-dry	1	6/30/02
Dimethyl phthalate	ND	0.45		mg/Kg-dry	1	6/30/02
Di-n-butyl phthalate	ND	0.45		mg/Kg-dry	1	6/30/02
2,4-Dimethylphenol	ND	0.45		mg/Kg-dry	1	6/30/02
4,6-Dinitro-2-methylphenol	ND	2.2		mg/Kg-dry	1	6/30/02
2,4-Dinitrophenol	ND	2.2		mg/Kg-dry	1	6/30/02
2,4-Dinitrotoluene	ND	0.34		mg/Kg-dry	1	6/30/02
2,6-Dinitrotoluene	ND	0.34		mg/Kg-dry	1	6/30/02
Di-n-octyl phthalate	ND	0.45		mg/Kg-dry	1	6/30/02
Hexachlorobenzene	ND	0.45		mg/Kg-dry	1	6/30/02
Hexachlorobutadiene	ND	0.45		mg/Kg-dry	1	6/30/02
Hexachlorocyclopentadiene	ND	0.45		mg/Kg-dry	1	6/30/02
Hexachloroethane	ND	0.45		mg/Kg-dry	1	6/30/02
Isophorone	ND	0.45		mg/Kg-dry	1	6/30/02
2-Methylnaphthalene	ND	0.45		mg/Kg-dry	1	6/30/02
2-Methylphenol	ND	0.45		mg/Kg-dry	1	6/30/02
4-Methylphenol	ND	0.45		mg/Kg-dry	1	6/30/02
2-Nitroaniline	ND	2.2		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-017

Client Sample ID: HAS SP25 002**Collection Date:** 6/19/02 1:20:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
		SW8270C			Prep Date: 6/29/02	Analyst: JF
3-Nitroaniline	ND	2.2		mg/Kg-dry	1	6/30/02
4-Nitroaniline	ND	2.2		mg/Kg-dry	1	6/30/02
Nitrobenzene	ND	0.45		mg/Kg-dry	1	6/30/02
2-Nitrophenol	ND	2.2		mg/Kg-dry	1	6/30/02
4-Nitrophenol	ND	2.2		mg/Kg-dry	1	6/30/02
N-Nitrosodi-n-propylamine	ND	0.45		mg/Kg-dry	1	6/30/02
N-Nitrosodiphenylamine	ND	0.45		mg/Kg-dry	1	6/30/02
2, 2'-oxybis(1-Chloropropane)	ND	0.45		mg/Kg-dry	1	6/30/02
Pentachlorophenol	ND	2.2		mg/Kg-dry	1	6/30/02
Phenol	ND	0.45		mg/Kg-dry	1	6/30/02
1,2,4-Trichlorobenzene	ND	0.45		mg/Kg-dry	1	6/30/02
2,4,5-Trichlorophenol	ND	0.89		mg/Kg-dry	1	6/30/02
2,4,6-Trichlorophenol	ND	0.45		mg/Kg-dry	1	6/30/02
Volatile Organic Compounds by GC/MS						
		SW5035/8260B			Prep Date: 6/20/02	Analyst: PS
Acetone	0.35	0.087		mg/Kg-dry	1	6/28/02
Benzene	ND	0.017		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND	0.017		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.017		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.035		mg/Kg-dry	1	6/28/02
2-Butanone	0.17	0.035		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.017		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.017		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.017		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.035		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.017		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.017		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.017		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.017		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.017		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.017		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.017		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.017		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.017		mg/Kg-dry	1	6/28/02
Ethylbenzene	0.021	0.017		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.035		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.035		mg/Kg-dry	1	6/28/02

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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**Date Reported:** July 14, 2002**Date Printed:** July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-017

Client Sample ID: HAS SP25 002**Collection Date:** 6/19/02 1:20:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: PS
Methylene chloride	ND	0.035		mg/Kg-dry	1	6/28/02
Styrene	ND	0.017		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	0.017		mg/Kg-dry	1	6/28/02
Toluene	ND	0.017		mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.017		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.017		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.017		mg/Kg-dry	1	6/28/02
m,p-Xylene	0.023	0.017		mg/Kg-dry	1	6/28/02
o-Xylene	0.031	0.017		mg/Kg-dry	1	6/28/02
Cyanide, Total	SW9012A			Prep Date: 6/24/02		Analyst: YZ
Cyanide	0.8	0.34		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216			Prep Date: 6/26/02		Analyst: PMS
Percent Moisture	26.35	0.01		wt%	1	6/26/02

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-018

Client Sample ID: HAS SP26 001

Collection Date: 6/19/02 1:35:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.095		mg/Kg-dry	1	7/1/02
Aroclor 1221	ND	0.095		mg/Kg-dry	1	7/1/02
Aroclor 1232	ND	0.095		mg/Kg-dry	1	7/1/02
Aroclor 1242	ND	0.095		mg/Kg-dry	1	7/1/02
Aroclor 1248	ND	0.095		mg/Kg-dry	1	7/1/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	7/1/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	7/1/02
Mercury	SW7471A					
Mercury	1.2	0.28		mg/Kg-dry	10	6/26/02
Metals by ICP/MS	SW6020					
Antimony	ND	0.7	1.1	mg/Kg-dry	10	6/27/02
Arsenic	7.3	0.57		mg/Kg-dry	10	6/27/02
Beryllium	0.66	0.57		mg/Kg-dry	10	6/27/02
Cadmium	ND	0.57		mg/Kg-dry	10	6/27/02
Chromium	15	1.1		mg/Kg-dry	10	6/27/02
Copper	46	1.1		mg/Kg-dry	10	6/27/02
Lead	230	0.57		mg/Kg-dry	10	6/27/02
Nickel	21	1.1		mg/Kg-dry	10	6/27/02
Selenium	ND	1.1		mg/Kg-dry	10	6/27/02
Silver	ND	1.1		mg/Kg-dry	10	6/27/02
Thallium	ND	1.1		mg/Kg-dry	10	6/27/02
Zinc	120	5.7		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	1	0.29		mg/Kg-dry	10	6/30/02
Acenaphthylene	0.28	0.029		mg/Kg-dry	1	6/30/02
Anthracene	5.1	2.9		mg/Kg-dry	100	6/30/02
Benz(a)anthracene	8.1	2.9		mg/Kg-dry	100	6/30/02
Benzo(b)fluoranthene	6.9	2.9		mg/Kg-dry	100	6/30/02
Benzo(k)fluoranthene	4.9	2.9		mg/Kg-dry	100	6/30/02
Benzo(g,h,i)perylene	2	0.29		mg/Kg-dry	10	6/30/02
Benzo(a)pyrene	6.3	2.9		mg/Kg-dry	100	6/30/02
Chrysene	8.5	2.9		mg/Kg-dry	100	6/30/02
Dibenz(a,h)anthracene	0.75	0.29		mg/Kg-dry	10	6/30/02
Fluoranthene	23	2.9		mg/Kg-dry	100	6/30/02
Fluorene	1.3	0.29		mg/Kg-dry	10	6/30/02
Indeno(1,2,3-cd)pyrene	2.1	0.29		mg/Kg-dry	10	6/30/02
Naphthalene	0.33	0.029		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value, poor MS/MSD recovery. JAK
U = non-detect

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-018

Client Sample ID: HAS SP26 001**Collection Date:** 6/19/02 1:35:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons			SW8270(SIM)			
Phenanthrene	10	2.9		mg/Kg-dry	100	6/30/02
Pyrene	19	2.9		mg/Kg-dry	100	6/30/02
Semivolatile Organic Compounds by GC/MS			SW8270C			
Bis(2-chloroethoxy)methane	ND	0.39		mg/Kg-dry	1	7/3/02
Bis(2-chloroethyl)ether	ND	0.39		mg/Kg-dry	1	7/3/02
Bis(2-ethylhexyl)phthalate	ND	0.39		mg/Kg-dry	1	7/3/02
4-Bromophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	7/3/02
Butyl benzyl phthalate	ND	0.39		mg/Kg-dry	1	7/3/02
Carbazole	1.9	0.39		mg/Kg-dry	1	7/3/02
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	7/3/02
4-Chloroaniline	ND	0.39		mg/Kg-dry	1	7/3/02
2-Chloronaphthalene	ND	0.39		mg/Kg-dry	1	7/3/02
2-Chlorophenol	ND	0.39		mg/Kg-dry	1	7/3/02
4-Chlorophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	7/3/02
Dibenzofuran	1.7	0.39		mg/Kg-dry	1	7/3/02
1,2-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/3/02
1,3-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/3/02
1,4-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/3/02
3,3'-Dichlorobenzidine	ND	0.77		mg/Kg-dry	1	7/3/02
2,4-Dichlorophenol	ND	0.39		mg/Kg-dry	1	7/3/02
Diethyl phthalate	ND	0.39		mg/Kg-dry	1	7/3/02
Dimethyl phthalate	ND	0.39		mg/Kg-dry	1	7/3/02
Di-n-butyl phthalate	ND	0.39		mg/Kg-dry	1	7/3/02
2,4-Dimethylphenol	ND	0.39		mg/Kg-dry	1	7/3/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	7/3/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	7/3/02
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/3/02
Di-n-octyl phthalate	ND	0.39		mg/Kg-dry	1	7/3/02
Hexachlorobenzene	ND	0.39		mg/Kg-dry	1	7/3/02
Hexachlorobutadiene	ND	0.39		mg/Kg-dry	1	7/3/02
Hexachlorocyclopentadiene	ND	0.39		mg/Kg-dry	1	7/3/02
Hexachloroethane	ND	0.39		mg/Kg-dry	1	7/3/02
Isophorone	ND	0.39		mg/Kg-dry	1	7/3/02
2-Methylnaphthalene	0.64	0.39		mg/Kg-dry	1	7/3/02
2-Methylphenol	ND	0.39		mg/Kg-dry	1	7/3/02
4-Methylphenol	ND	0.39		mg/Kg-dry	1	7/3/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/3/02

Qualifiers: ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell

Client Sample ID: HAS SP26 001

Lab Order: 0206148

Collection Date: 6/19/02 1:35:00 PM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0206148-018

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/3/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/3/02
Nitrobenzene	ND	0.39		mg/Kg-dry	1	7/3/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/3/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/3/02
N-Nitrosodi-n-propylamine	ND	0.39		mg/Kg-dry	1	7/3/02
N-Nitrosodiphenylamine	ND	0.39		mg/Kg-dry	1	7/3/02
2, 2'-oxybis(1-Chloropropane)	ND	0.39		mg/Kg-dry	1	7/3/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	7/3/02
Phenol	ND	0.39		mg/Kg-dry	1	7/3/02
1,2,4-Trichlorobenzene	ND	0.39		mg/Kg-dry	1	7/3/02
2,4,5-Trichlorophenol	ND	0.77		mg/Kg-dry	1	7/3/02
2,4,6-Trichlorophenol	ND	0.39		mg/Kg-dry	1	7/3/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	ND	0.057		mg/Kg-dry	1	6/28/02
Benzene	ND	0.011		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND	0.011		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.011		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.023		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.023		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.011		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.011		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.011		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.023		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.011		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.011		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.011		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.011		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.011		mg/Kg-dry	1	6/28/02
1,1-Dichloroethylene	ND	0.011		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethylene	ND	0.011		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethylene	ND	0.011		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.011		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	6/28/02
Ethylbenzene	ND	0.011		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.023		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	6/28/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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**Date Reported:** July 14, 2002**Date Printed:** July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-018

Client Sample ID: HAS SP26 001
Collection Date: 6/19/02 1:35:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS				SW5035/8260B		
Methylene chloride	ND	0.023		mg/Kg-dry	1	6/28/02
Styrene	ND	0.011		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.011		mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	0.011		mg/Kg-dry	1	6/28/02
Toluene	ND	0.011		mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	0.011		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.011		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.011		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.011		mg/Kg-dry	1	6/28/02
m,p-Xylene	ND	0.011		mg/Kg-dry	1	6/28/02
o-Xylene	ND	0.011		mg/Kg-dry	1	6/28/02
Cyanide, Total				SW9012A		
Cyanide	ND	0.3		mg/Kg-dry	1	6/26/02
Percent Moisture				D2216		
Percent Moisture	15.63	0.01		wt%	1	Analyst: PMS 6/26/02

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-019

Client Sample ID: HAS SP26 002

Collection Date: 6/19/02 1:50:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		
Aroclor 1016	ND	0.094		mg/Kg-dry	1	7/1/02
Aroclor 1221	ND	0.094		mg/Kg-dry	1	7/1/02
Aroclor 1232	ND	0.094		mg/Kg-dry	1	7/1/02
Aroclor 1242	ND	0.094		mg/Kg-dry	1	7/1/02
Aroclor 1248	ND	0.094		mg/Kg-dry	1	7/1/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	7/1/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	7/1/02
Mercury	SW7471A			Prep Date: 6/24/02		
Mercury	ND	0.029		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/24/02		
Antimony	ND	1.1		mg/Kg-dry	10	6/27/02
Arsenic	7.5	0.56		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.56		mg/Kg-dry	10	6/27/02
Cadmium	ND	0.56		mg/Kg-dry	10	6/27/02
Chromium	17	1.1		mg/Kg-dry	10	6/27/02
Copper	26	1.1		mg/Kg-dry	10	6/27/02
Lead	19	0.56		mg/Kg-dry	10	6/27/02
Nickel	27	1.1		mg/Kg-dry	10	6/27/02
Selenium	ND	1.1		mg/Kg-dry	10	6/27/02
Silver	ND	1.1		mg/Kg-dry	10	6/27/02
Thallium	1.2	1.1		mg/Kg-dry	10	6/27/02
Zinc	41	5.6		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		
Acenaphthene	ND	0.029		mg/Kg-dry	1	7/1/02
Acenaphthylene	ND	0.029		mg/Kg-dry	1	7/1/02
Anthracene	ND	0.029		mg/Kg-dry	1	7/1/02
Benz(a)anthracene	ND	0.029		mg/Kg-dry	1	7/1/02
Benzo(b)fluoranthene	ND	0.029		mg/Kg-dry	1	7/1/02
Benzo(k)fluoranthene	ND	0.029		mg/Kg-dry	1	7/1/02
Benzo(g,h,i)perylene	ND	0.029		mg/Kg-dry	1	7/1/02
Benzo(a)pyrene	ND	0.029		mg/Kg-dry	1	7/1/02
Chrysene	ND	0.029		mg/Kg-dry	1	7/1/02
Dibenz(a,h)anthracene	ND	0.029		mg/Kg-dry	1	7/1/02
Fluoranthene	0.03	0.029		mg/Kg-dry	1	7/1/02
Fluorene	ND	0.029		mg/Kg-dry	1	7/1/02
Indeno(1,2,3-cd)pyrene	ND	0.029		mg/Kg-dry	1	7/1/02
Naphthalene	ND	0.029		mg/Kg-dry	1	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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 J = estimated value, poor MS/MSD recovery. JAK
 ND = non-detect.

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-019

Client Sample ID: HAS SP26 002

Collection Date: 6/19/02 1:50:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	0.069	0.029		mg/Kg-dry	1	7/1/02
Pyrene	0.034	0.029		mg/Kg-dry	1	7/1/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.39		mg/Kg-dry	1	6/30/02
Bis(2-chloroethyl)ether	ND	0.39		mg/Kg-dry	1	6/30/02
Bis(2-ethylhexyl)phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
4-Bromophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	6/30/02
Butyl benzyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Carbazole	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chloroaniline	ND	0.39		mg/Kg-dry	1	6/30/02
2-Chloronaphthalene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Chlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Chlorophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	6/30/02
Dibenzofuran	ND	0.39		mg/Kg-dry	1	6/30/02
1,2-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
1,3-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
1,4-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
3,3'-Dichlorobenzidine	ND	0.77		mg/Kg-dry	1	6/30/02
2,4-Dichlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
Diethyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Dimethyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Di-n-butyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
2,4-Dimethylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/30/02
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	6/30/02
Di-n-octyl phthalate	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorobutadiene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachlorocyclopentadiene	ND	0.39		mg/Kg-dry	1	6/30/02
Hexachloroethane	ND	0.39		mg/Kg-dry	1	6/30/02
Isophorone	ND	0.39		mg/Kg-dry	1	6/30/02
2-Methylnaphthalene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
4-Methylphenol	ND	0.39		mg/Kg-dry	1	6/30/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-019

Client Sample ID: HAS SP26 002**Collection Date:** 6/19/02 1:50:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	6/30/02
Nitrobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	6/30/02
N-Nitrosodi-n-propylamine	ND	0.39		mg/Kg-dry	1	6/30/02
N-Nitrosodiphenylamine	ND	0.39		mg/Kg-dry	1	6/30/02
2, 2'-oxybis(1-Chloropropane)	ND	0.39		mg/Kg-dry	1	6/30/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	6/30/02
Phenol	ND	0.39		mg/Kg-dry	1	6/30/02
1,2,4-Trichlorobenzene	ND	0.39		mg/Kg-dry	1	6/30/02
2,4,5-Trichlorophenol	ND	0.77		mg/Kg-dry	1	6/30/02
2,4,6-Trichlorophenol	ND	0.39		mg/Kg-dry	1	6/30/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	0.04	0.036		mg/Kg-dry	1	6/28/02
Benzene	ND	0.0072		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND	0.0072		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.0072		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.014		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.014		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.0072		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.0072		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.0072		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.014		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.0072		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.0072		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.0072		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.0072		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.0072		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.0072		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.0072		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.0072		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.0072		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.0072		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.0072		mg/Kg-dry	1	6/28/02
Ethylbenzene	ND	0.0072		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.014		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.014		mg/Kg-dry	1	6/28/02

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-019

Client Sample ID: HAS SP26 002**Collection Date:** 6/19/02 1:50:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Methylene chloride	ND	0.014		mg/Kg-dry	1	6/28/02
Styrene	ND	0.0072		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.0072		mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	0.0072		mg/Kg-dry	1	6/28/02
Toluene	ND	0.0072		mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	0.0072		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.0072		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.0072		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.0072		mg/Kg-dry	1	6/28/02
m,p-Xylene	ND	0.0072		mg/Kg-dry	1	6/28/02
o-Xylene	ND	0.0072		mg/Kg-dry	1	6/28/02
Cyanide, Total	SW9012A			Prep Date: 6/24/02		Analyst: YZ
Cyanide	ND	0.3		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216			Prep Date: 6/26/02		Analyst: PMS
Percent Moisture	15.51	0.01		wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-020

Client Sample ID: HAS SP27 001

Collection Date: 6/19/02 2:10:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/29/02		Analyst: JF
Aroclor 1016	ND	0.089		mg/Kg-dry	1	7/1/02
Aroclor 1221	ND	0.089		mg/Kg-dry	1	7/1/02
Aroclor 1232	ND	0.089		mg/Kg-dry	1	7/1/02
Aroclor 1242	ND	0.089		mg/Kg-dry	1	7/1/02
Aroclor 1248	ND	0.089		mg/Kg-dry	1	7/1/02
Aroclor 1254	0.19	0.18		mg/Kg-dry	1	7/1/02
Aroclor 1260	ND	0.18		mg/Kg-dry	1	7/1/02
Mercury	SW7471A			Prep Date: 6/24/02		Analyst: YZ
Mercury	0.33	0.029		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020			Prep Date: 6/24/02		Analyst: MCL
Antimony	ND	1.1		mg/Kg-dry	10	6/27/02
Arsenic	9.1	0.55		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.55		mg/Kg-dry	10	6/27/02
Cadmium	1.1	0.55		mg/Kg-dry	10	6/27/02
Chromium	14	1.1		mg/Kg-dry	10	6/27/02
Copper	37	1.1		mg/Kg-dry	10	6/27/02
Lead	110	0.55		mg/Kg-dry	10	6/27/02
Nickel	17	1.1		mg/Kg-dry	10	6/27/02
Selenium	ND	1.1		mg/Kg-dry	10	6/27/02
Silver	ND	1.1		mg/Kg-dry	10	6/27/02
Thallium	ND	1.1		mg/Kg-dry	10	6/27/02
Zinc	220	5.5		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/02		Analyst: VS
Acenaphthene	ND	0.029		mg/Kg-dry	1	7/1/02
Acenaphthylene	ND	0.029		mg/Kg-dry	1	7/1/02
Anthracene	0.075	0.029		mg/Kg-dry	1	7/1/02
Benz(a)anthracene	0.46	0.29		mg/Kg-dry	10	7/1/02
Benzo(b)fluoranthene	0.35	0.29		mg/Kg-dry	10	7/1/02
Benzo(k)fluoranthene	0.42	0.29		mg/Kg-dry	10	7/1/02
Benzo(g,h,i)perylene	0.39	0.29		mg/Kg-dry	10	7/1/02
Benzo(a)pyrene	0.39	0.029		mg/Kg-dry	1	7/1/02
Chrysene	0.45	0.29		mg/Kg-dry	10	7/1/02
Dibenz(a,h)anthracene	0.076	0.029		mg/Kg-dry	1	7/1/02
Fluoranthene	0.85	0.29		mg/Kg-dry	10	7/1/02
Fluorene	ND	0.029		mg/Kg-dry	1	7/1/02
Indeno(1,2,3-cd)pyrene	0.19	0.029		mg/Kg-dry	1	7/1/02
Naphthalene	0.032	0.029		mg/Kg-dry	1	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

J= estimated value, *-Value exceeds Maximum Contaminant Level
V=n=n-detect.

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-020

Client Sample ID: HAS SP27 001**Collection Date:** 6/19/02 2:10:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons			SW8270(SIM)			
Phenanthrene	0.36	0.029		mg/Kg-dry	1	7/1/02
Pyrene	0.81	0.29		mg/Kg-dry	10	7/1/02
Semivolatile Organic Compounds by GC/MS			SW8270C			
Bis(2-chloroethoxy)methane	ND	0.39		mg/Kg-dry	1	7/1/02
Bis(2-chloroethyl)ether	ND	0.39		mg/Kg-dry	1	7/1/02
Bis(2-ethylhexyl)phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
4-Bromophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	7/1/02
Butyl benzyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Carbazole	ND	0.39		mg/Kg-dry	1	7/1/02
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Chloroaniline	ND	0.39		mg/Kg-dry	1	7/1/02
2-Chloronaphthalene	ND	0.39		mg/Kg-dry	1	7/1/02
2-Chlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Chlorophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	7/1/02
Dibenzofuran	ND	0.39		mg/Kg-dry	1	7/1/02
1,2-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
1,3-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
1,4-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
3,3'-Dichlorobenzidine	ND	0.78		mg/Kg-dry	1	7/1/02
2,4-Dichlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
Diethyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Dimethyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Di-n-butyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
2,4-Dimethylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/1/02
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/1/02
Di-n-octyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorobutadiene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorocyclopentadiene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachloroethane	ND	0.39		mg/Kg-dry	1	7/1/02
Isophorone	ND	0.39		mg/Kg-dry	1	7/1/02
2-Methylnaphthalene	ND	0.39		mg/Kg-dry	1	7/1/02
2-Methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-020

Client Sample ID: HAS SP27 001

Collection Date: 6/19/02 2:10:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
Nitrobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
N-Nitrosodi-n-propylamine	ND	0.39		mg/Kg-dry	1	7/1/02
N-Nitrosodiphenylamine	ND	0.39		mg/Kg-dry	1	7/1/02
2, 2'-oxybis(1-Chloropropane)	ND	0.39		mg/Kg-dry	1	7/1/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	7/1/02
Phenol	ND	0.39		mg/Kg-dry	1	7/1/02
1,2,4-Trichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
2,4,5-Trichlorophenol	ND	0.78		mg/Kg-dry	1	7/1/02
2,4,6-Trichlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: PS
Acetone	ND	0.026	J	mg/Kg-dry	1	6/28/02
Benzene	ND	0.0052		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND	0.0052		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.0052		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.01		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.01		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.0052		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.0052		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.0052		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.01		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.0052		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.0052		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.0052		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.0052		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.0052		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.0052		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.0052		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.0052		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.0052		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.0052		mg/Kg-dry	1	6/28/02
Ethylbenzene	ND	0.0052		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.01		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.01		mg/Kg-dry	1	6/28/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value, poor surrogate recovery. JAK

V = non-detect.

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-020

Client Sample ID: HAS SP27 001
Collection Date: 6/19/02 2:10:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	UJ	0.01	mg/Kg-dry	1	6/28/02
Styrene	ND		0.0052	mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND		0.0052	mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND		0.0052	mg/Kg-dry	1	6/28/02
Toluene	ND		0.0052	mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND		0.0052	mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND		0.0052	mg/Kg-dry	1	6/28/02
Trichloroethene	ND		0.0052	mg/Kg-dry	1	6/28/02
Vinyl chloride	ND		0.0052	mg/Kg-dry	1	6/28/02
m,p-Xylene	ND		0.0052	mg/Kg-dry	1	6/28/02
o-Xylene	ND		0.0052	mg/Kg-dry	1	6/28/02
Cyanide, Total	SW9012A					
Cyanide	ND		0.29	mg/Kg-dry	1	6/26/02
Percent Moisture	D2216					
Percent Moisture	15.49		0.01	wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

J = estimated value, poor surrogate recovery. JAk
 U = non-detected.

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-021

Client Sample ID: HAS SP27 002

Collection Date: 6/19/02 2:30:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.091		mg/Kg-dry	1	7/1/02
Aroclor 1221	ND	0.091		mg/Kg-dry	1	7/1/02
Aroclor 1232	ND	0.091		mg/Kg-dry	1	7/1/02
Aroclor 1242	0.29	0.091		mg/Kg-dry	1	7/1/02
Aroclor 1248	ND	0.091		mg/Kg-dry	1	7/1/02
Aroclor 1254	0.36	0.18		mg/Kg-dry	1	7/1/02
Aroclor 1260	ND	0.18		mg/Kg-dry	1	7/1/02
Mercury	SW7471A					
Mercury	0.33	0.028		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020					
Antimony	1.2	UJ	1.1	mg/Kg-dry	10	6/27/02
Arsenic	3.9	0.54		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.54		mg/Kg-dry	10	6/27/02
Cadmium	1.1	0.54		mg/Kg-dry	10	6/27/02
Chromium	16	1.1		mg/Kg-dry	10	6/27/02
Copper	56	J	1.1	mg/Kg-dry	10	6/27/02
Lead	96	0.54		mg/Kg-dry	10	6/27/02
Nickel	17	1.1		mg/Kg-dry	10	6/27/02
Selenium	ND	1.1		mg/Kg-dry	10	6/27/02
Silver	ND	1.1		mg/Kg-dry	10	6/27/02
Thallium	ND	1.1		mg/Kg-dry	10	6/27/02
Zinc	250	J	5.4	mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	0.34	0.03		mg/Kg-dry	1	7/1/02
Acenaphthylene	0.11	0.03		mg/Kg-dry	1	7/1/02
Anthracene	0.6	0.3		mg/Kg-dry	10	7/2/02
Benz(a)anthracene	4.9	3		mg/Kg-dry	100	7/1/02
Benzo(b)fluoranthene	2.8	0.3		mg/Kg-dry	10	7/2/02
Benzo(k)fluoranthene	2	0.3		mg/Kg-dry	10	7/2/02
Benzo(g,h,i)perylene	1.5	0.3		mg/Kg-dry	10	7/2/02
Benzo(a)pyrene	5.2	3		mg/Kg-dry	100	7/1/02
Chrysene	4.4	3		mg/Kg-dry	100	7/1/02
Dibenz(a,h)anthracene	0.66	0.3		mg/Kg-dry	10	7/2/02
Fluoranthene	7.5	3		mg/Kg-dry	100	7/1/02
Fluorene	0.35	0.03		mg/Kg-dry	1	7/1/02
Indeno(1,2,3-cd)pyrene	1.5	0.3		mg/Kg-dry	10	7/2/02
Naphthalene	0.17	0.03		mg/Kg-dry	1	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

J = estimated value, poor MS/MS recovery. J+k
 U = non-detected.

* Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-021

Client Sample ID: HAS SP27 002**Collection Date:** 6/19/02 2:30:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	1.7	0.3		mg/Kg-dry	10	Analyst: VS 7/2/02
Pyrene	10	3		mg/Kg-dry	100	7/1/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.39		mg/Kg-dry	1	Analyst: JF 7/1/02
Bis(2-chloroethyl)ether	ND	0.39		mg/Kg-dry	1	7/1/02
Bis(2-ethylhexyl)phthalate	2.9	0.39		mg/Kg-dry	1	7/1/02
4-Bromophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	7/1/02
Butyl benzyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Carbazole	0.5	0.39		mg/Kg-dry	1	7/1/02
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Chloroaniline	ND	0.39		mg/Kg-dry	1	7/1/02
2-Chloronaphthalene	ND	0.39		mg/Kg-dry	1	7/1/02
2-Chlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Chlorophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	7/1/02
Dibenzofuran	ND	0.39		mg/Kg-dry	1	7/1/02
1,2-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
1,3-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
1,4-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
3,3'-Dichlorobenzidine	ND	0.78		mg/Kg-dry	1	7/1/02
2,4-Dichlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
Diethyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Dimethyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Di-n-butyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
2,4-Dimethylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/1/02
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/1/02
Di-n-octyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorobutadiene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorocyclopentadiene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachloroethane	ND	0.39		mg/Kg-dry	1	7/1/02
Isophorone	ND	0.39		mg/Kg-dry	1	7/1/02
2-Methylnaphthalene	ND	0.39		mg/Kg-dry	1	7/1/02
2-Methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-021

Client Sample ID: HAS SP27 002**Collection Date:** 6/19/02 2:30:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
Nitrobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
N-Nitrosodi-n-propylamine	ND	0.39		mg/Kg-dry	1	7/1/02
N-Nitrosodiphenylamine	ND	0.39		mg/Kg-dry	1	7/1/02
2, 2'-oxybis(1-Chloropropane)	ND	0.39		mg/Kg-dry	1	7/1/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	7/1/02
Phenol	ND	0.39		mg/Kg-dry	1	7/1/02
1,2,4-Trichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
2,4,5-Trichlorophenol	ND	0.78		mg/Kg-dry	1	7/1/02
2,4,6-Trichlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	ND	0.034		mg/Kg-dry	1	6/28/02
Benzene	ND	0.0068		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND	0.0068		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.0068		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.014		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.014		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.0068		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.0068		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.0068		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.014		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.0068		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.0068		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.0068		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.0068		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.0068		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.0068		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.0068		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.0068		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.0068		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.0068		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.0068		mg/Kg-dry	1	6/28/02
Ethylbenzene	ND	0.0068		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.014		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.014		mg/Kg-dry	1	6/28/02

Qualifiers: ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-021

Client Sample ID: HAS SP27 002**Collection Date:** 6/19/02 2:30:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	0.014		mg/Kg-dry	1	6/28/02
Styrene	ND	0.0068		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.0068		mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	0.0068		mg/Kg-dry	1	6/28/02
Toluene	ND	0.0068		mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	0.0068		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.0068		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.0068		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.0068		mg/Kg-dry	1	6/28/02
m,p-Xylene	ND	0.0068		mg/Kg-dry	1	6/28/02
o-Xylene	ND	0.0068		mg/Kg-dry	1	6/28/02
Cyanide, Total	SW9012A					
Cyanide	ND	0.3		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216					
Percent Moisture	15.59	0.01		wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-022

Client Sample ID: HAS SP28 001

Collection Date: 6/19/02 2:45:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.097		mg/Kg-dry	1	7/1/02
Aroclor 1221	ND	0.097		mg/Kg-dry	1	7/1/02
Aroclor 1232	ND	0.097		mg/Kg-dry	1	7/1/02
Aroclor 1242	ND	0.097		mg/Kg-dry	1	7/1/02
Aroclor 1248	ND	0.097		mg/Kg-dry	1	7/1/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	7/1/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	7/1/02
Mercury	SW7471A					
Mercury	0.24	0.03		mg/Kg-dry	1	6/26/02
Metals by ICP/MS	SW6020					
Antimony	ND	VJ	1.1	mg/Kg-dry	10	6/27/02
Arsenic	6.7	0.57		mg/Kg-dry	10	6/27/02
Beryllium	0.8	0.57		mg/Kg-dry	10	6/27/02
Cadmium	0.87	0.57		mg/Kg-dry	10	6/27/02
Chromium	18	1.1		mg/Kg-dry	10	6/27/02
Copper	36 J	1.1		mg/Kg-dry	10	6/27/02
Lead	94 J	0.57		mg/Kg-dry	10	6/27/02
Nickel	30 J	1.1		mg/Kg-dry	10	6/27/02
Selenium	ND	1.1		mg/Kg-dry	10	6/27/02
Silver	ND	1.1		mg/Kg-dry	10	6/27/02
Thallium	1.2	1.1		mg/Kg-dry	10	6/27/02
Zinc	250	5.7		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	0.1	0.03		mg/Kg-dry	1	7/1/02
Acenaphthylene	1.6	0.3		mg/Kg-dry	10	7/2/02
Anthracene	0.54	0.3		mg/Kg-dry	10	7/2/02
Benz(a)anthracene	2.4	0.3		mg/Kg-dry	10	7/2/02
Benzo(b)fluoranthene	1.7	0.3		mg/Kg-dry	10	7/2/02
Benzo(k)fluoranthene	1.5	0.3		mg/Kg-dry	10	7/2/02
Benzo(g,h,i)perylene	1.3	0.3		mg/Kg-dry	10	7/2/02
Benzo(a)pyrene	2.4	0.3		mg/Kg-dry	10	7/2/02
Chrysene	2.2	0.3		mg/Kg-dry	10	7/2/02
Dibenz(a,h)anthracene	0.8	0.3		mg/Kg-dry	10	7/2/02
Fluoranthene	2.7	0.3		mg/Kg-dry	10	7/2/02
Fluorene	0.16	0.03		mg/Kg-dry	1	7/1/02
Indeno(1,2,3-cd)pyrene	1.1	0.3		mg/Kg-dry	10	7/2/02
Naphthalene	1.1	0.3		mg/Kg-dry	10	7/2/02

Qualifiers: ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

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E - Value above quantitation range

J = estimated value, poor MS/MSD recovery. JAK
 V = non-detect.

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-022

Client Sample ID: HAS SP28 001

Collection Date: 6/19/02 2:45:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	2.1	0.3		mg/Kg-dry	10	7/2/02
Pyrene	5	3		mg/Kg-dry	100	7/1/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.4		mg/Kg-dry	1	7/1/02
Bis(2-chloroethyl)ether	ND	0.4		mg/Kg-dry	1	7/1/02
Bis(2-ethylhexyl)phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
4-Bromophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/1/02
Butyl benzyl phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
Carbazole	ND	0.4		mg/Kg-dry	1	7/1/02
4-Chloro-3-methylphenol	ND	0.4		mg/Kg-dry	1	7/1/02
4-Chloroaniline	ND	0.4		mg/Kg-dry	1	7/1/02
2-Chloronaphthalene	ND	0.4		mg/Kg-dry	1	7/1/02
2-Chlorophenol	ND	0.4		mg/Kg-dry	1	7/1/02
4-Chlorophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/1/02
Dibenzofuran	ND	0.4		mg/Kg-dry	1	7/1/02
1,2-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
1,3-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
1,4-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
3,3'-Dichlorobenzidine	ND	0.79		mg/Kg-dry	1	7/1/02
2,4-Dichlorophenol	ND	0.4		mg/Kg-dry	1	7/1/02
Diethyl phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
Dimethyl phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
Di-n-butyl phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
2,4-Dimethylphenol	ND	0.4		mg/Kg-dry	1	7/1/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/1/02
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/1/02
Di-n-octyl phthalate	ND	0.4		mg/Kg-dry	1	7/1/02
Hexachlorobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
Hexachlorobutadiene	ND	0.4		mg/Kg-dry	1	7/1/02
Hexachlorocyclopentadiene	ND	0.4		mg/Kg-dry	1	7/1/02
Hexachloroethane	ND	0.4		mg/Kg-dry	1	7/1/02
Isophorone	ND	0.4		mg/Kg-dry	1	7/1/02
2-Methylnaphthalene	1	0.4		mg/Kg-dry	1	7/1/02
2-Methylphenol	ND	0.4		mg/Kg-dry	1	7/1/02
4-Methylphenol	ND	0.4		mg/Kg-dry	1	7/1/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-022

Client Sample ID: HAS SP28 001**Collection Date:** 6/19/02 2:45:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
Nitrobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
N-Nitrosodi-n-propylamine	ND	0.4		mg/Kg-dry	1	7/1/02
N-Nitrosodiphenylamine	ND	0.4		mg/Kg-dry	1	7/1/02
2, 2'-oxybis(1-Chloropropane)	ND	0.4		mg/Kg-dry	1	7/1/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	7/1/02
Phenol	ND	0.4		mg/Kg-dry	1	7/1/02
1,2,4-Trichlorobenzene	ND	0.4		mg/Kg-dry	1	7/1/02
2,4,5-Trichlorophenol	ND	0.79		mg/Kg-dry	1	7/1/02
2,4,6-Trichlorophenol	ND	0.4		mg/Kg-dry	1	7/1/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	ND	0.05		mg/Kg-dry	1	6/28/02
Benzene	ND	0.01		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND	0.01		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.01		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.02		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.02		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.01		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.01		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.01		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.02		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.01		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.01		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.01		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.01		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.01		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.01		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.01		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.01		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.01		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.01		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.01		mg/Kg-dry	1	6/28/02
Ethylbenzene	ND	0.01		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.02		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.02		mg/Kg-dry	1	6/28/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-022

Client Sample ID: HAS SP28 001
Collection Date: 6/19/02 2:45:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Methylene chloride	ND	0.02		mg/Kg-dry	1	6/28/02
Styrene	ND	0.01		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.01		mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	0.01		mg/Kg-dry	1	6/28/02
Toluene	ND	0.01		mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	0.01		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.01		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.01		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.01		mg/Kg-dry	1	6/28/02
m,p-Xylene	ND	0.01		mg/Kg-dry	1	6/28/02
o-Xylene	ND	0.01		mg/Kg-dry	1	6/28/02
Cyanide, Total	SW9012A			Prep Date: 6/24/02		Analyst: YZ
Cyanide	ND	0.3		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216			Prep Date: 6/26/02		Analyst: PMS
Percent Moisture	17.94	0.01		wt%	1	6/26/02

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

STAT Analysis Corporation

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-023

Client Sample ID: HAS SP28 002

Collection Date: 6/19/02 3:15:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs				SW8082		
Aroclor 1016	ND	0.095		mg/Kg-dry	1	7/1/02
Aroclor 1221	ND	0.095		mg/Kg-dry	1	7/1/02
Aroclor 1232	ND	0.095		mg/Kg-dry	1	7/1/02
Aroclor 1242	ND	0.095		mg/Kg-dry	1	7/1/02
Aroclor 1248	ND	0.095		mg/Kg-dry	1	7/1/02
Aroclor 1254	ND	0.19		mg/Kg-dry	1	7/1/02
Aroclor 1260	ND	0.19		mg/Kg-dry	1	7/1/02
Mercury				SW7471A		
Mercury	0.16	0.027		mg/Kg-dry	1	6/26/02
Metals by ICP/MS				SW6020		
Antimony	ND	UJ	1.1	mg/Kg-dry	10	6/27/02
Arsenic	4.4	0.56		mg/Kg-dry	10	6/27/02
Beryllium	ND	0.56		mg/Kg-dry	10	6/27/02
Cadmium	ND	0.56		mg/Kg-dry	10	6/27/02
Chromium	7.3	1.1		mg/Kg-dry	10	6/27/02
Copper	14 J	1.1		mg/Kg-dry	10	6/27/02
Lead	79	0.56		mg/Kg-dry	10	6/27/02
Nickel	7.9	1.1		mg/Kg-dry	10	6/27/02
Selenium	ND	1.1		mg/Kg-dry	10	6/27/02
Silver	ND	1.1		mg/Kg-dry	10	6/27/02
Thallium	ND	1.1		mg/Kg-dry	10	6/27/02
Zinc	77 J	5.6		mg/Kg-dry	10	6/27/02
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Acenaphthene	0.078	0.03		mg/Kg-dry	1	7/1/02
Acenaphthylene	0.1	0.03		mg/Kg-dry	1	7/1/02
Anthracene	0.071	0.03		mg/Kg-dry	1	7/1/02
Benz(a)anthracene	0.11	0.03		mg/Kg-dry	1	7/1/02
Benzo(b)fluoranthene	0.091	0.03		mg/Kg-dry	1	7/1/02
Benzo(k)fluoranthene	0.079	0.03		mg/Kg-dry	1	7/1/02
Benzo(g,h,i)perylene	0.086	0.03		mg/Kg-dry	1	7/1/02
Benzo(a)pyrene	0.081	0.03		mg/Kg-dry	1	7/1/02
Chrysene	0.25	0.03		mg/Kg-dry	1	7/1/02
Dibenz(a,h)anthracene	0.039	0.03		mg/Kg-dry	1	7/1/02
Fluoranthene	0.38	0.03		mg/Kg-dry	1	7/1/02
Fluorene	0.07	0.03		mg/Kg-dry	1	7/1/02
Indeno(1,2,3-cd)pyrene	0.072	0.03		mg/Kg-dry	1	7/1/02
Naphthalene	0.68	0.3		mg/Kg-dry	10	7/2/02

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

J = estimated value; poor MS/MSD recovery. JAK
 U = non-detect.

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-023

Client Sample ID: HAS SP28 002

Collection Date: 6/19/02 3:15:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	0.34	0.03		mg/Kg-dry	1	7/1/02
Pyrene	0.42	0.3		mg/Kg-dry	10	7/2/02
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.39		mg/Kg-dry	1	7/1/02
Bis(2-chloroethyl)ether	ND	0.39		mg/Kg-dry	1	7/1/02
Bis(2-ethylhexyl)phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
4-Bromophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	7/1/02
Butyl benzyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Carbazole	ND	0.39		mg/Kg-dry	1	7/1/02
4-Chloro-3-methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Chloroaniline	ND	0.39		mg/Kg-dry	1	7/1/02
2-Chloronaphthalene	ND	0.39		mg/Kg-dry	1	7/1/02
2-Chlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Chlorophenyl phenyl ether	ND	0.39		mg/Kg-dry	1	7/1/02
Dibenzofuran	ND	0.39		mg/Kg-dry	1	7/1/02
1,2-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
1,3-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
1,4-Dichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
3,3'-Dichlorobenzidine	ND	0.78		mg/Kg-dry	1	7/1/02
2,4-Dichlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
Diethyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Dimethyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Di-n-butyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
2,4-Dimethylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/1/02
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/1/02
Di-n-octyl phthalate	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorobutadiene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachlorocyclopentadiene	ND	0.39		mg/Kg-dry	1	7/1/02
Hexachloroethane	ND	0.39		mg/Kg-dry	1	7/1/02
Isophorone	ND	0.39		mg/Kg-dry	1	7/1/02
2-Methylnaphthalene	ND	0.39		mg/Kg-dry	1	7/1/02
2-Methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
4-Methylphenol	ND	0.39		mg/Kg-dry	1	7/1/02
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-023

Client Sample ID: HAS SP28 002**Collection Date:** 6/19/02 3:15:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/02		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/1/02
Nitrobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/1/02
N-Nitrosodi-n-propylamine	ND	0.39		mg/Kg-dry	1	7/1/02
N-Nitrosodiphenylamine	ND	0.39		mg/Kg-dry	1	7/1/02
2, 2'-oxybis(1-Chloropropane)	ND	0.39		mg/Kg-dry	1	7/1/02
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	7/1/02
Phenol	ND	0.39		mg/Kg-dry	1	7/1/02
1,2,4-Trichlorobenzene	ND	0.39		mg/Kg-dry	1	7/1/02
2,4,5-Trichlorophenol	ND	0.78		mg/Kg-dry	1	7/1/02
2,4,6-Trichlorophenol	ND	0.39		mg/Kg-dry	1	7/1/02
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/20/02		Analyst: MP
Acetone	ND	0.055		mg/Kg-dry	1	6/28/02
Benzene	ND	0.011		mg/Kg-dry	1	6/28/02
Bromodichloromethane	ND	0.011		mg/Kg-dry	1	6/28/02
Bromoform	ND	0.011		mg/Kg-dry	1	6/28/02
Bromomethane	ND	0.022		mg/Kg-dry	1	6/28/02
2-Butanone	ND	0.022		mg/Kg-dry	1	6/28/02
Carbon disulfide	ND	0.011		mg/Kg-dry	1	6/28/02
Carbon tetrachloride	ND	0.011		mg/Kg-dry	1	6/28/02
Chlorobenzene	ND	0.011		mg/Kg-dry	1	6/28/02
Chloroethane	ND	0.022		mg/Kg-dry	1	6/28/02
Chloroform	ND	0.011		mg/Kg-dry	1	6/28/02
Chloromethane	ND	0.011		mg/Kg-dry	1	6/28/02
Dibromochloromethane	ND	0.011		mg/Kg-dry	1	6/28/02
1,1-Dichloroethane	ND	0.011		mg/Kg-dry	1	6/28/02
1,2-Dichloroethane	ND	0.011		mg/Kg-dry	1	6/28/02
1,1-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/28/02
cis-1,2-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/28/02
trans-1,2-Dichloroethene	ND	0.011		mg/Kg-dry	1	6/28/02
1,2-Dichloropropane	ND	0.011		mg/Kg-dry	1	6/28/02
cis-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	6/28/02
trans-1,3-Dichloropropene	ND	0.011		mg/Kg-dry	1	6/28/02
Ethylbenzene	ND	0.011		mg/Kg-dry	1	6/28/02
2-Hexanone	ND	0.022		mg/Kg-dry	1	6/28/02
4-Methyl-2-pentanone	ND	0.022		mg/Kg-dry	1	6/28/02

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-023

Client Sample ID: HAS SP28 002
Collection Date: 6/19/02 3:15:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	0.022		mg/Kg-dry	1	6/28/02
Styrene	ND	0.011		mg/Kg-dry	1	6/28/02
1,1,2,2-Tetrachloroethane	ND	0.011		mg/Kg-dry	1	6/28/02
Tetrachloroethene	ND	0.011		mg/Kg-dry	1	6/28/02
Toluene	ND	0.011		mg/Kg-dry	1	6/28/02
1,1,1-Trichloroethane	ND	0.011		mg/Kg-dry	1	6/28/02
1,1,2-Trichloroethane	ND	0.011		mg/Kg-dry	1	6/28/02
Trichloroethene	ND	0.011		mg/Kg-dry	1	6/28/02
Vinyl chloride	ND	0.011		mg/Kg-dry	1	6/28/02
m,p-Xylene	ND	0.011		mg/Kg-dry	1	6/28/02
o-Xylene	ND	0.011		mg/Kg-dry	1	6/28/02
Cyanide, Total	SW9012A					
Cyanide	ND	0.3		mg/Kg-dry	1	6/26/02
Percent Moisture	D2216					
Percent Moisture	15.98	0.01		wt%	1	6/26/02

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

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Date Reported: July 14, 2002

Date Printed: July 24, 2002

Client: Burns & McDonnell
Lab Order: 0206148
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206148-024

Client Sample ID: HAS SP16 301**Collection Date:** 6/18/02 5:15:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Moisture Content Moisture Content	D2216 17.9		0.01	Prep Date: wt%	1	Analyst: SUB 7/10/02
Organic Carbon Content Fractional Organic Carbon	D2974 3.70		0.01	Prep Date: 6/26/02 wt%	1	Analyst: PMS 6/28/02
pH (25 °C) pH	SW9045C 7.8		J	Prep Date: 7/1/02 pH Units	1	Analyst: PMS 7/1/02

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

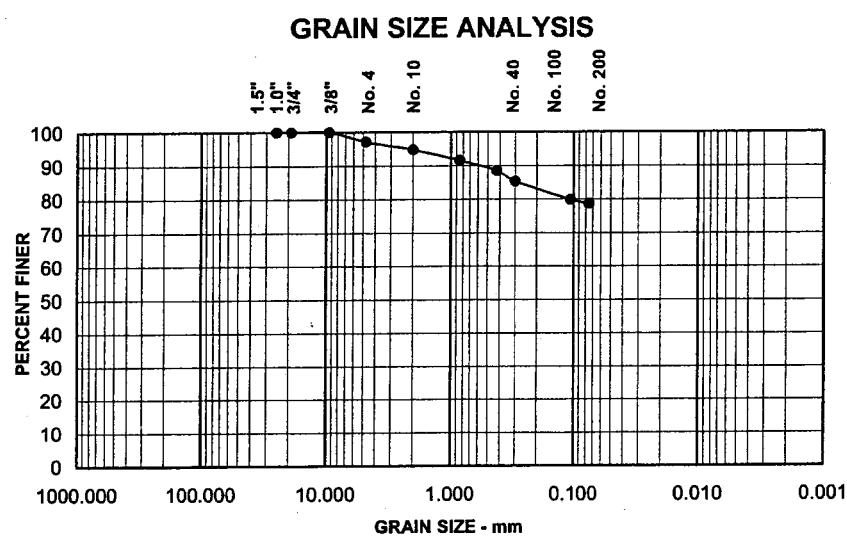
S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Page 93 of 93

J = estimated value; holding time exceeded. JAK

GRAIN SIZE ANALYSIS (ASTM D422)

SAMPLE NO:
HAS-SP16-301



% + 3"	% Gravel	% Sand	% Fines	
0.0	2.9	18.5	78.6	
Sieve Size	Percent Passing		D60 (mm)	D30 (mm)
1"	100.0		-	-
3/4"	100.0		-	-
3/8"	100.0		-	-
#4	97.1		-	-
#10	94.7		-	-
#20	91.5		-	-
#40	88.5		-	-
#60	85.3		-	-
#140	79.8		-	-
#200	78.6		-	-

Visual Soil Description: Gray silty clay, some coarse to fine sand, and trace fine gravel

Soil Classification: CL

System: USCS

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2
Test No: SW5035/8260B

QC SUMMARY REPORT
SURROGATE RECOVERIES

Matrix: S

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4					
VSTD050	99.9	97.6	100	101					
VBLK062802-2	105	97.7	102	102					
VLCS062802-2	99.6	97.5	102	101					
VLCSD062802-2	100	96.8	101	101					
0206148-016A	100	96.4	103	102					
0206148-014A	101	100	102	111					
0206148-017A	87.5	93.2	103	103					
0206148-014A:50	110	101	98.8	101					
0206148-015A:50	102	102	98.1	106					
0206148-008A:50	112	98.5	110	99.8					
0206148-015A:200	101	95.9	100	101					
0206148-020A	106	97.1	99.8	105					
VSTD100r	109	101	96.6	98.9					
VBLK062702a3	90.5	94.5	101	104					
VLCS062702a-3	104	97.1	97.0	95.4					
0206148-001A:100	94.6	97.6	97.0	112					
0206148-002A	78.9	92.0	102	106					
0206148-011A	84.7	94.3	103	95.6					
0206148-012A	80.2	94.7	102	119					
0206148-013A	81.1	98.9	107	116					
0206148-018A	78.1	93.3	98.9	107					
0206148-019A	63.2	84.8	111	112					
0206148-020AR	58.7 *	81.4	120	107					
0206148-021A	80.5	96.8	101	98.8					
0206148-022A	75.7	93.3	103	97.3					
0206148-023A	84.6	97.3	101	105					
0206148-001A	51.3 *	118 *	102	98.3					

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	59-113
BZMED8	= Toluene-d8	81-117
DBFM	= Dibromofluoromethane	70-121
DCA12D4	= 1,2-Dichloroethane-d4	70-121

* Surrogate recovery outside acceptance limits

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2
Test No: SW5035/8260B **Matrix:** S

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
0206148-015A	52.0 *	94.6	99.1	98.3				
VSTD050r	87.0	104	98.8	99.4				
VBLK062702-3	83.1	96.8	102	112				
VLCSD062702-3	91.1	99.7	100	98.2				
0206148-003A	72.4	97.1	99.4	94.3				
0206148-004A	69.0	92.0	107	113				
0206148-005A	71.0	98.4	106	106				
0206148-006A	73.5	93.0	108	109				
0206148-007A	84.0	95.8	107	111				
0206148-008A	84.0	91.9	103	96.2				
0206148-009A	70.2	90.4	112	99.9				
0206148-010A	75.8	93.1	110	112				
0206148-010AMS	89.4	98.5	97.9	95.1				
0206148-010AMSD	95.0	98.0	106	106				

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	59-113
BZMED8	= Toluene-d8	81-117
DBFM	= Dibromofluoromethane	70-121
DCA12D4	= 1,2-Dichloroethane-d4	70-121

* Surrogate recovery outside acceptance limits

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2
Test No: SW8270C

Matrix:
QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	CLPH2D4	DCBZ12D4	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14
MB-3169-SVOC	85.7	72.0	88.6	88.0	71.6	88.7	80.2	72.9
LCS-3169-SVOC	68.6	56.3	73.3	82.4	55.1	76.0	69.5	67.9
0206148-001B	88.0	71.7	94.5	90.9	72.0	92.6	81.6	77.3
0206148-002B	88.0	71.8	94.9	82.1	71.8	90.3	83.0	75.3
0206148-004B	100	80.1	106	107	80.5	107	97.4	89.7
0206148-007B	103	84.8	109	108	84.8	109	94.2	87.2
0206148-009B	87.1	72.5	92.3	91.7	72.1	91.0	80.2	74.3
0206148-011B	74.2	61.0	79.1	79.6	59.5	77.0	67.4	73.6
0206148-012B	90.2	76.7	95.1	85.9	77.3	93.2	79.0	66.4
0206148-016B	98.3	80.4	105	99.1	81.4	102	89.1	80.7
0206148-017B	45.8	36.0	46.7	76.3	38.2	48.8	46.3	68.1
0206148-019B	86.8	77.8	102	78.5	73.4	89.0	83.3	80.5
0206148-019BMS	77.4	67.8	90.2	74.4	64.9	85.4	73.9	71.5
0206148-019BMSD	91.6	82.0	107	83.3	77.2	98.9	86.5	75.7
0206148-020B	103	83.1	109	102	84.2	107	94.4	85.7
MB-3170-SVOC	85.0	72.6	89.0	81.4	70.8	86.5	77.6	69.2
LCS-3170-SVOC	72.9	59.6	77.5	78.9	60.6	80.0	69.3	68.7
0206148-003B	87.3	73.2	95.2	94.0	72.9	87.7	75.8	77.0
0206148-005B	91.6	75.3	99.0	97.3	75.2	93.2	79.5	88.1
0206148-006B	87.0	71.4	93.2	92.6	72.7	90.1	77.9	80.1
0206148-008B	76.3	55.4	80.2	88.9	63.1	76.9	75.9	76.5
0206148-021B	101	84.5	93.2	101	86.2	98.6	99.6	59.3
0206148-010B	84.9	70.4	92.4	78.4	68.7	90.2	77.3	76.0
0206148-013B	95.9	81.3	104	81.5	81.3	97.8	80.8	58.9
0206148-014B	84.1	69.8	88.6	82.6	72.8	87.5	70.4	59.3
0206148-015B	93.6	64.8	95.3	77.6	81.5	81.1	87.4	39.6
0206148-018B	117	99.0	132 *	99.1	104	121 *	95.5	82.7

Acronym	Surrogate	QC Limits
CLPH2D4	= 2-Chlorophenol-d4	20-130
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PH246BR	= 2,4,6-Tribromophenol	19-122
PH2F	= 2-Fluorophenol	25-121
PHD5	= Phenol-d5	24-113
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

* Surrogate recovery outside acceptance limits

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2
Test No: SW8270C **Matrix:** S

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	CLPH2D4	DCBZ12D4	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14
0206148-022B	77.8	71.9	78.7	106	59.5	67.8	78.1	57.8
0206148-023B	77.2	71.2	77.5	129 *	59.7	68.3	72.3	77.5

Acronym	Surrogate	QC Limits
CLPH2D4	= 2-Chlorophenol-d4	20-130
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PH246BR	= 2,4,6-Tribromophenol	19-122
PH2F	= 2-Fluorophenol	25-121
PHD5	= Phenol-d5	24-113
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

* Surrogate recovery outside acceptance limits

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/29/2002 11:52:21

Prep End Date: 6/29/2002 10:58:53

Prep Factor Units:

mL / Kg

Prep Batch 3169 Prep Code: 3550_SVOC Technician: PG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206148-001B	Soil		0.0302	0	0	1	33.113	6/29/2002	6/29/2002
0206148-002B	Soil		0.03012	0	0	1	33.201	6/29/2002	6/29/2002
0206148-003B	Soil		0.0309	0	0	1	32.362	6/29/2002	6/29/2002
0206148-004B	Soil		0.03063	0	0	1	32.648	6/29/2002	6/29/2002
0206148-005B	Soil		0.03119	0	0	1	32.062	6/29/2002	6/29/2002
0206148-006B	Soil		0.03006	0	0	1	33.267	6/29/2002	6/29/2002
0206148-007B	Soil		0.03085	0	0	1	32.415	6/29/2002	6/29/2002
0206148-008B	Soil		0.00321	0	0	5	1557.632	6/29/2002	6/29/2002
0206148-009B	Soil		0.0311	0	0	1	32.154	6/29/2002	6/29/2002
0206148-010B	Soil		0.03043	0	0	1	32.862	6/29/2002	6/29/2002
0206148-011B	Soil		0.0311	0	0	1	32.154	6/29/2002	6/29/2002
0206148-012B	Soil		0.03022	0	0	1	33.091	6/29/2002	6/29/2002
0206148-013B	Soil		0.03063	0	0	1	32.648	6/29/2002	6/29/2002
0206148-014B	Soil		0.03052	0	0	1	32.765	6/29/2002	6/29/2002
0206148-015B	Soil		0.03001	0	0	1	33.322	6/29/2002	6/29/2002
0206148-016B	Soil		0.03066	0	0	1	32.616	6/29/2002	6/29/2002
0206148-017B	Soil		0.03011	0	0	1	33.212	6/29/2002	6/29/2002
0206148-018B	Soil		0.03042	0	0	1	32.873	6/29/2002	6/29/2002
0206148-019B	Soil		0.03034	0	0	1	32.960	6/29/2002	6/29/2002
0206148-019BMS	Soil		0.03082	0	0	1	32.446	6/29/2002	6/29/2002
0206148-019BMSD	Soil		0.03113	0	0	1	32.123	6/29/2002	6/29/2002
0206148-020B	Soil		0.03019	0	0	1	33.124	6/29/2002	6/29/2002
LCS-3169-SVOC			0.03	0	0	1	33.333	6/29/2002	6/29/2002
MB-3169-SVOC			0.03	0	0	1	33.333	6/29/2002	6/29/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/29/2002 11:56:37

Prep End Date: 6/29/2002 10:56:04

Prep Factor Units:

mL / Kg

Prep Batch 3170 Prep Code: 3550_SVOC Technician: PG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206148-021B	Soil		0.03	0	0	1	33.333	6/29/2002	6/29/2002
0206148-022B	Soil		0.0305	0	0	1	32.787	6/29/2002	6/29/2002
0206148-023B	Soil		0.03009	0	0	1	33.234	6/29/2002	6/29/2002
LCS-3170-SVOC			0.03	0	0	1	33.333	6/29/2002	6/29/2002
MB-3170-SVOC			0.03	0	0	1	33.333	6/29/2002	6/29/2002

CLIENT: Burns & McDonnell

Work Order: 0206148

Project: 29168, Hawthorne Parcel 2

Test No: SW8270(SIM) Matrix:

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14				
MB-3168-PNA	76.4	110	104	131				
0206148-019B	50.9	76.8	89.6	110				
0206148-020B	50.2	69.7	93.1	104				
0206148-021B	51.3	70.1	94.4	95.4				
0206148-022B	48.5	66.1	83.2	103				
0206148-023B	63.6	92.2	89.1	77.5				
0206148-009BMS	63.1	113	82.4	109				
0206148-009BMSD	82.4	126 *	103	111				
LCS-3168-PNA	68.5	96.4	98.0	115				
0206148-012B	67.8	78.0	53.6	64.4				
0206148-001B	50.0	62.2	51.7	66.6				
0206148-004B	47.3	56.5	47.8	61.1				
0206148-009B	55.5	67.1	48.9	64.4				
0206148-016B	52.2	63.4	47.3	58.0				
0206148-007B	52.6	59.7	42.8	56.4				
0206148-005B	66.5	76.1	44.2	88.4				
0206148-002B	72.3	81.9	58.2	86.3				
0206148-003B	75.5	83.3	45.9	90.2				
0206148-008B	44.5	56.2	64.7	97.2				
0206148-006B	57.9	64.1	45.3	64.8				
0206148-011B	47.8	52.7	38.3	56.5				
0206148-017B	31.0	35.3	30.1	50.9				
0206148-010B	50.9	56.7	42.9	53.5				
0206148-013B	60.5	66.5	43.9	49.4				
0206148-014B	61.4	66.2	41.1	55.4				
0206148-018B	56.2	60.2	35.7	56.6				
0206148-015B	39.7	25.6	72.3	66.8				

Acronym	Surrogate	QC Limits
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

* Surrogate recovery outside acceptance limits

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2
Test No: SW8270(SIM) **Matrix:**

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14				
MB-3167-PNA	60.1	54.9	81.4	131				
LCS-3167-PNA	60.1	54.1	83.0	123				

Acronym	Surrogate	QC Limits
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

* Surrogate recovery outside acceptance limits

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/29/2002 11:23:56

Prep End Date: 6/29/2002 10:55:25

Prep Factor Units:

mL / Kg

Prep Batch 3167 Prep Code: 3550_PNA Technician: PG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206148-001B	Soil		0.0302	0	0	1	33.113	6/29/2002	6/29/2002
0206148-002B	Soil		0.03012	0	0	1	33.201	6/29/2002	6/29/2002
0206148-003B	Soil		0.0309	0	0	1	32.362	6/29/2002	6/29/2002
0206148-004B	Soil		0.03063	0	0	1	32.648	6/29/2002	6/29/2002
0206148-005B	Soil		0.03119	0	0	1	32.062	6/29/2002	6/29/2002
0206148-006B	Soil		0.03006	0	0	1	33.267	6/29/2002	6/29/2002
0206148-007B	Soil		0.03085	0	0	1	32.415	6/29/2002	6/29/2002
0206148-008B	Soil		0.00321	0	0	5	1557.632	6/29/2002	6/29/2002
0206148-009B	Soil		0.0311	0	0	1	32.154	6/29/2002	6/29/2002
0206148-009BMS	Soil		0.03056	0	0	1	32.723	6/29/2002	6/29/2002
0206148-009BMSD	Soil		0.03096	0	0	1	32.300	6/29/2002	6/29/2002
0206148-010B	Soil		0.03043	0	0	1	32.862	6/29/2002	6/29/2002
0206148-011B	Soil		0.0311	0	0	1	32.154	6/29/2002	6/29/2002
0206148-012B	Soil		0.03022	0	0	1	33.091	6/29/2002	6/29/2002
0206148-013B	Soil		0.03063	0	0	1	32.648	6/29/2002	6/29/2002
0206148-014B	Soil		0.03052	0	0	1	32.765	6/29/2002	6/29/2002
0206148-015B	Soil		0.03001	0	0	1	33.322	6/29/2002	6/29/2002
0206148-016B	Soil		0.03066	0	0	1	32.616	6/29/2002	6/29/2002
0206148-017B	Soil		0.03011	0	0	1	33.212	6/29/2002	6/29/2002
0206148-018B	Soil		0.03042	0	0	1	32.873	6/29/2002	6/29/2002
0206148-019B	Soil		0.03034	0	0	1	32.960	6/29/2002	6/29/2002
0206148-020B	Soil		0.03019	0	0	1	33.124	6/29/2002	6/29/2002
LCS-3167-PNA			0.03	0	0	1	33.333	6/29/2002	6/29/2002
MB-3167-PNA			0.03	0	0	1	33.333	6/29/2002	6/29/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/29/2002 11:26:04

Prep End Date: 6/29/2002 10:53:12

Prep Factor Units:

mL / Kg

Prep Batch 3168 Prep Code: 3550_PNA Technician: PG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206148-021B	Soil		0.03	0	0	1	33.333	6/29/2002	6/29/2002
0206148-022B	Soil		0.0305	0	0	1	32.787	6/29/2002	6/29/2002
0206148-023B	Soil		0.03009	0	0	1	33.234	6/29/2002	6/29/2002
0206210-001B	Soil		0.03162	0	0	1	31.626	6/29/2002	6/29/2002
0206210-003B	Soil		0.03074	0	0	1	32.531	6/29/2002	6/29/2002
0206210-005B	Soil		0.03031	0	0	1	32.992	6/29/2002	6/29/2002
0206210-007B	Soil		0.03058	0	0	1	32.701	6/29/2002	6/29/2002
0206210-009B	Soil		0.03066	0	0	1	32.616	6/29/2002	6/29/2002
0206210-011B	Soil		0.03072	0	0	1	32.552	6/29/2002	6/29/2002
0206210-013B	Soil		0.03122	0	0	1	32.031	6/29/2002	6/29/2002
0206210-015B	Soil		0.03055	0	0	1	32.733	6/29/2002	6/29/2002
0206210-017B	Soil		0.03194	0	0	1	31.309	6/29/2002	6/29/2002
0206210-019B	Soil		0.03135	0	0	1	31.898	6/29/2002	6/29/2002
LCS-3168-PNA			0.03	0	0	1	33.333	6/29/2002	6/29/2002
MB-3168-PNA			0.03	0	0	1	33.333	6/29/2002	6/29/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 7/1/2002 7:04:25 P

Prep End Date: 7/2/2002 3:22:57 P

Prep Factor Units:

mL / Kg

Prep Batch 3192 Prep Code: 3550_PNA Technician: CDM

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206127-016B	Soil		0.03091	0	0	1	32.352	7/1/2002	7/2/2002
0206127-017B	Soil		0.0307	0	0	1	32.573	7/1/2002	7/2/2002
0206127-018B	Soil		0.03017	0	0	1	33.146	7/1/2002	7/2/2002
0206127-019B	Soil		0.03038	0	0	1	32.916	7/1/2002	7/2/2002
0206127-020B	Soil		0.03189	0	0	1	31.358	7/1/2002	7/2/2002
0206127-021B	Soil		0.03091	0	0	1	32.352	7/1/2002	7/2/2002
0206127-022B	Soil		0.03041	0	0	1	32.884	7/1/2002	7/2/2002
0206127-023B	Soil		0.03068	0	0	1	32.595	7/1/2002	7/2/2002
0206127-024B	Soil		0.03079	0	0	1	32.478	7/1/2002	7/2/2002
0206127-025B	Soil		0.03054	0	0	1	32.744	7/1/2002	7/2/2002
0206127-026B	Soil		0.03053	0	0	1	32.755	7/1/2002	7/2/2002
0206145-001B	Soil		0.03136	0	0	1	31.888	7/1/2002	7/2/2002
0206145-002B	Soil		0.03054	0	0	1	32.744	7/1/2002	7/2/2002
0206145-003B	Soil		0.03002	0	0	1	33.311	7/1/2002	7/2/2002
0206145-004B	Soil		0.03082	0	0	1	32.446	7/1/2002	7/2/2002
0206145-005B	Soil		0.03054	0	0	1	32.744	7/1/2002	7/2/2002
0206145-006B	Soil		0.03067	0	0	1	32.605	7/1/2002	7/2/2002
0206145-007B	Soil		0.03067	0	0	1	32.605	7/1/2002	7/2/2002
0206145-008B	Soil		0.03111	0	0	1	32.144	7/1/2002	7/2/2002
0206148-009B	Soil		0.03028	0	0	1	33.025	7/1/2002	7/2/2002
0206148-009BMS	Soil		0.03089	0	0	1	32.373	7/1/2002	7/2/2002
0206148-009BMSD	Soil		0.03084	0	0	1	32.425	7/1/2002	7/2/2002
LCS-3192-PNA			0.03	0	0	1	33.333	7/1/2002	7/2/2002
MB-3192-PNA			0.03	0	0	1	33.333	7/1/2002	7/2/2002

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2
Test No: SW8082 Matrix:

**QC SUMMARY REPORT
SURROGATE RECOVERIES**

Sample ID	CL10BZ2	XYL2456CLM							
MB-3172-PCB	76.8	93.9							
LCS-3172-PCB	76.8	93.9							
0206148-001B	77.8	94.9							
0206148-002B	75.8	93.9							
0206148-003B	81.8	93.9							
0206148-004B	76.8	93.9							
0206148-005B	75.8	96.0							
0206148-006B	80.8	99.0							
0206148-007B	77.8	98.0							
0206148-008B	70.7	94.9							
0206148-009B	80.8	97.0							
0206148-010B	78.8	90.9							
0206148-010BMS	79.8	99.0							
0206148-010BMSD	83.8	91.9							
0206148-011B	81.8	91.9							
0206148-012B	85.9	98.0							
0206148-013B	78.8	102							
0206148-014B	73.7	89.9							
0206148-015B	98.0	86.9							
0206148-016B	77.8	96.0							
0206148-017B	81.8	100							
0206148-018B	81.8	91.9							
0206148-019B	81.8	101							
0206148-020B	87.9	106							
MB-3173-PCB	93.9	108							
LCS-3173-PCB	96.0	112							
0206148-021B	80.8	97.0							

Acronym	Surrogate	QC Limits
CL10BZ2	= Decachlorobiphenyl	30-150
XYL2456CLM	= Tetrachloro-m-xylene	30-150

* Surrogate recovery outside acceptance limits

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2
Test No: SW8082 **Matrix:** S

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID **CL10BZ2** **XYL2456CLM**

0206148-022B	80.8	98.0							
0206148-023B	79.8	87.9							

Acronym	Surrogate	QC Limits
CL10BZ2	= Decachlorobiphenyl	30-150
XYL2456CLM	= Tetrachloro-m-xylene	30-150

* Surrogate recovery outside acceptance limits

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/29/2002 5:05:44 P

Prep End Date: 6/29/2002 11:01:24

Prep Factor Units:

mL / Kg

Prep Batch 3172 Prep Code: 3550_PCB Technician: CDM

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206148-001B	Soil		0.03077	0	0	10	324.992	6/29/2002	6/29/2002
0206148-002B	Soil		0.03012	0	0	10	332.005	6/29/2002	6/29/2002
0206148-003B	Soil		0.03047	0	0	10	328.192	6/29/2002	6/29/2002
0206148-004B	Soil		0.03074	0	0	10	325.309	6/29/2002	6/29/2002
0206148-005B	Soil		0.03086	0	0	10	324.044	6/29/2002	6/29/2002
0206148-006B	Soil		0.03014	0	0	10	331.785	6/29/2002	6/29/2002
0206148-007B	Soil		0.03059	0	0	10	326.904	6/29/2002	6/29/2002
0206148-008B	Soil		0.00331	0	0	10	3021.148	6/29/2002	6/29/2002
0206148-009B	Soil		0.03087	0	0	10	323.939	6/29/2002	6/29/2002
0206148-010B	Soil		0.03091	0	0	10	323.520	6/29/2002	6/29/2002
0206148-010BMS	Soil		0.03047	0	0	10	328.192	6/29/2002	6/29/2002
0206148-010BMSD	Soil		0.0301	0	0	10	332.226	6/29/2002	6/29/2002
0206148-011B	Soil		0.03111	0	0	10	321.440	6/29/2002	6/29/2002
0206148-012B	Soil		0.03018	0	0	10	331.345	6/29/2002	6/29/2002
0206148-013B	Soil		0.03098	0	0	10	322.789	6/29/2002	6/29/2002
0206148-014B	Soil		0.0304	0	0	10	328.947	6/29/2002	6/29/2002
0206148-015B	Soil		0.03071	0	0	10	325.627	6/29/2002	6/29/2002
0206148-016B	Soil		0.03149	0	0	10	317.561	6/29/2002	6/29/2002
0206148-017B	Soil		0.03046	0	0	10	328.299	6/29/2002	6/29/2002
0206148-018B	Soil		0.03001	0	0	10	333.222	6/29/2002	6/29/2002
0206148-019B	Soil		0.03027	0	0	10	330.360	6/29/2002	6/29/2002
0206148-020B	Soil		0.03181	0	0	10	314.367	6/29/2002	6/29/2002
LCS-3172-PCB			0.03	0	0	10	333.333	6/29/2002	6/29/2002
MB-3172-PCB			0.03	0	0	10	333.333	6/29/2002	6/29/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/29/2002 5:07:21 P

Prep End Date: 6/29/2002 11:02:06

Prep Factor Units:

mL / Kg

Prep Batch 3173 Prep Code: 3550_PCB Technician: CDM

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206148-021B	Soil		0.03137	0	0	10	318.776	6/29/2002	6/29/2002
0206148-022B	Soil		0.0302	0	0	10	331.126	6/29/2002	6/29/2002
0206148-023B	Soil		0.03012	0	0	10	332.005	6/29/2002	6/29/2002
LCS-3173-PCB		0.03		0	0	10	333.333	6/29/2002	6/29/2002
MB-3173-PCB		0.03		0	0	10	333.333	6/29/2002	6/29/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 2

Prep Start Date: 6/22/2002 9:00:00 A

Prep End Date: 6/22/2002 12:00:00

Prep Batch 3062 Prep Code: M_S_PREP Technician: JG

Prep Factor Units:
mL / g

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206134-005B	Soil		1.075	0	0	50	46.512	6/22/2002	6/22/2002
0206134-006B	Soil		1.091	0	0	50	45.830	6/22/2002	6/22/2002
0206134-007B	Soil		1.003	0	0	50	49.850	6/22/2002	6/22/2002
0206134-008B	Soil		1.063	0	0	50	47.037	6/22/2002	6/22/2002
0206134-009B	Soil		1.027	0	0	50	48.685	6/22/2002	6/22/2002
0206134-010B	Soil		1.088	0	0	50	45.956	6/22/2002	6/22/2002
0206134-011B	Soil		1.043	0	0	50	47.939	6/22/2002	6/22/2002
0206134-011BMS	Soil		1.0332	0	0	50	48.393	6/22/2002	6/22/2002
0206134-011BMSD	Soil		1.036	0	0	50	48.263	6/22/2002	6/22/2002
0206134-012B	Soil		1.006	0	0	50	49.702	6/22/2002	6/22/2002
0206134-013B	Soil		1.023	0	0	50	48.876	6/22/2002	6/22/2002
0206134-014B	Soil		1.02	0	0	50	49.020	6/22/2002	6/22/2002
0206134-015B	Soil		1.007	0	0	50	49.652	6/22/2002	6/22/2002
0206134-016B	Soil		1.041	0	0	50	48.031	6/22/2002	6/22/2002
0206134-017B	Soil		1.033	0	0	50	48.403	6/22/2002	6/22/2002
0206148-001B	Soil		1.008	0	0	50	49.603	6/22/2002	6/22/2002
0206148-002B	Soil		1.008	0	0	50	49.603	6/22/2002	6/22/2002
0206148-003B	Soil		1.062	0	0	50	47.081	6/22/2002	6/22/2002
0206148-004B	Soil		1.065	0	0	50	46.948	6/22/2002	6/22/2002
0206148-005B	Soil		1.082	0	0	50	46.211	6/22/2002	6/22/2002
0206148-006B	Soil		1.003	0	0	50	49.850	6/22/2002	6/22/2002
0206148-007B	Soil		1.083	0	0	50	46.168	6/22/2002	6/22/2002
ILCSDS1 06/22/02			1	0	0	50	50.000	6/22/2002	6/22/2002
ILCSS1 06/22/02			1	0	0	50	50.000	6/22/2002	6/22/2002
IMBS1 06/22/02			1	0	0	50	50.000	6/22/2002	6/22/2002

STAT Analysis Corporation**PREP BATCH REPORT**

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Prep Start Date: 6/22/2002 9:00:00 A

Prep End Date: 6/22/2002 12:00:00

Prep Factor Units:

mL / g

Prep Batch 3062 Prep Code: M_S_PREP Technician: JG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
ISLCS1 06/22/02			0.502	0	0	50	99.602	6/22/2002	6/22/2002

STAT Analysis Corporation**PREP BATCH REPORT**

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Prep Start Date: 6/24/2002 1:45:00 P

Prep End Date: 6/24/2002 4:00:00 P

Prep Factor Units:
mL / g

Prep Batch 3079 Prep Code: M_S_PREP Technician: ASM

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206148-008B	Soil		1.053	0	0	50	47.483	6/24/2002	6/24/2002
0206148-009B	Soil		1.068	0	0	50	46.816	6/24/2002	6/24/2002
0206148-009BMS	Soil		1.053	0	0	50	47.483	6/24/2002	6/24/2002
0206148-009BMSD	Soil		1.034	0	0	50	48.356	6/24/2002	6/24/2002
0206148-010B	Soil		1.064	0	0	50	46.992	6/24/2002	6/24/2002
0206148-011B	Soil		1.046	0	0	50	47.801	6/24/2002	6/24/2002
0206148-012B	Soil		1.043	0	0	50	47.939	6/24/2002	6/24/2002
0206148-013B	Soil		1.067	0	0	50	46.860	6/24/2002	6/24/2002
0206148-014B	Soil		1.041	0	0	50	48.031	6/24/2002	6/24/2002
0206148-015B	Soil		1.046	0	0	50	47.801	6/24/2002	6/24/2002
0206148-016B	Soil		1.049	0	0	50	47.664	6/24/2002	6/24/2002
0206148-017B	Soil		1.037	0	0	50	48.216	6/24/2002	6/24/2002
0206148-018B	Soil		1.046	0	0	50	47.801	6/24/2002	6/24/2002
0206148-019B	Soil		1.058	0	0	50	47.259	6/24/2002	6/24/2002
0206148-020B	Soil		1.07	0	0	50	46.729	6/24/2002	6/24/2002
0206148-021B	Soil		1.093	0	0	50	45.746	6/24/2002	6/24/2002
0206148-022B	Soil		1.077	0	0	50	46.425	6/24/2002	6/24/2002
0206148-023B	Soil		1.061	0	0	50	47.125	6/24/2002	6/24/2002
0206165-001A	Soil		1.051	0	0	50	47.574	6/24/2002	6/24/2002
ILCSDS2 06/24/02			1	0	0	50	50.000	6/24/2002	6/24/2002
ILCSS2 06/24/02			1	0	0	50	50.000	6/24/2002	6/24/2002
IMBS2 06/24/02			1	0	0	50	50.000	6/24/2002	6/24/2002
ISLCS2 06/24/02			0.535	0	0	50	93.458	6/24/2002	6/24/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 2

Prep Start Date: 6/24/2002 4:20:00 P

Prep End Date: 6/24/2002 5:00:00 P

Prep Factor Units:

mL / g

Prep Batch 3091 Prep Code: M_HG_S_PRE Technician: JG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206148-001B	Soil		0.3	0	0	30	100.000	6/24/2002	6/24/2002
0206148-002B	Soil		0.317	0	0	30	94.637	6/24/2002	6/24/2002
0206148-003B	Soil		0.309	0	0	30	97.087	6/24/2002	6/24/2002
0206148-004B	Soil		0.319	0	0	30	94.044	6/24/2002	6/24/2002
0206148-005B	Soil		0.322	0	0	30	93.168	6/24/2002	6/24/2002
0206148-006B	Soil		0.312	0	0	30	96.154	6/24/2002	6/24/2002
0206148-007B	Soil		0.313	0	0	30	95.847	6/24/2002	6/24/2002
0206148-008B	Soil		0.306	0	0	30	98.039	6/24/2002	6/24/2002
0206148-009B	Soil		0.318	0	0	30	94.340	6/24/2002	6/24/2002
0206148-010B	Soil		0.306	0	0	30	98.039	6/24/2002	6/24/2002
0206148-010BMS	Soil		0.329	0	0	30	91.185	6/24/2002	6/24/2002
0206148-010BMSD	Soil		0.313	0	0	30	95.847	6/24/2002	6/24/2002
0206148-011B	Soil		0.318	0	0	30	94.340	6/24/2002	6/24/2002
0206148-012B	Soil		0.313	0	0	30	95.847	6/24/2002	6/24/2002
0206148-013B	Soil		0.3	0	0	30	100.000	6/24/2002	6/24/2002
0206148-014B	Soil		0.302	0	0	30	99.338	6/24/2002	6/24/2002
0206148-015B	Soil		0.304	0	0	30	98.684	6/24/2002	6/24/2002
0206148-016B	Soil		0.32	0	0	30	93.750	6/24/2002	6/24/2002
0206148-017B	Soil		0.327	0	0	30	91.743	6/24/2002	6/24/2002
0206148-018B	Soil		0.313	0	0	30	95.847	6/24/2002	6/24/2002
0206148-019B	Soil		0.308	0	0	30	97.403	6/24/2002	6/24/2002
0206148-020B	Soil		0.309	0	0	30	97.087	6/24/2002	6/24/2002
HGLCSDS2 06/24/02			0.3	0	0	30	100.000	6/24/2002	6/24/2002
HGLCSS2 06/24/02			0.3	0	0	30	100.000	6/24/2002	6/24/2002
HGMBS2 06/24/02			0.3	0	0	30	100.000	6/24/2002	6/24/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Prep Start Date: 6/24/2002 4:20:00 P

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Prep End Date: 6/24/2002 5:00:00 P

Prep Factor Units:
mL / g

Prep Batch 3091 Prep Code: M_HG_S_PRE Technician: JG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
HGSILCS2	06/24/02		0.311	0	0	30	96.463	6/24/2002	6/24/2002

STAT Analysis Corporation**PREP BATCH REPORT**

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Prep Start Date: 6/25/2002 10:30:00

Prep End Date: 6/25/2002 11:00:00

Prep Factor Units:
mL / g

Prep Batch 3135 Prep Code: M_HG_S_PRE Technician: JG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206127-021B	Soil		0.304	0	0	30	98.684	6/25/2002	6/25/2002
0206127-022B	Soil		0.329	0	0	30	91.185	6/25/2002	6/25/2002
0206127-023B	Soil		0.314	0	0	30	95.541	6/25/2002	6/25/2002
0206127-024B	Soil		0.311	0	0	30	96.463	6/25/2002	6/25/2002
0206127-025B	Soil		0.319	0	0	30	94.044	6/25/2002	6/25/2002
0206127-026B	Soil		0.305	0	0	30	98.361	6/25/2002	6/25/2002
0206134-011B	Soil		0.307	0	0	30	97.720	6/25/2002	6/25/2002
0206134-011BMS	Soil		0.309	0	0	30	97.087	6/25/2002	6/25/2002
0206134-011BMSD	Soil		0.326	0	0	30	92.025	6/25/2002	6/25/2002
0206148-021B	Soil		0.315	0	0	30	95.238	6/25/2002	6/25/2002
0206148-022B	Soil		0.303	0	0	30	99.010	6/25/2002	6/25/2002
0206148-023B	Soil		0.329	0	0	30	91.185	6/25/2002	6/25/2002
0206148-023BMS	Soil		0.308	0	0	30	97.403	6/25/2002	6/25/2002
0206148-023BMSD	Soil		0.303	0	0	30	99.010	6/25/2002	6/25/2002
0206182-001A	Soil		0.312	0	0	30	96.154	6/25/2002	6/25/2002
HGLCSDS1 06/25/02			0.3	0	0	30	100.000	6/25/2002	6/25/2002
HGLCSS1 06/25/02			0.3	0	0	30	100.000	6/25/2002	6/25/2002
HGMBS1 06/25/02			0.3	0	0	30	100.000	6/25/2002	6/25/2002
H GSLCS1 06/25/02			0.304	0	0	30	98.684	6/25/2002	6/25/2002

STAT Analysis Corporation**PREP BATCH REPORT**

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Prep Start Date: 6/21/2002 1:00:00 P

Prep End Date: 6/21/2002 6:00:00 P

Prep Factor Units:

mL / g

Prep Batch 3112 Prep Code: TCNPREP_S Technician: CT

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206134-001B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0206134-001BMS	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206134-001BMSD	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206134-009B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0206134-010B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206134-012B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206134-013B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206134-014B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206134-015B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206134-016B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0206134-017B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206143-001A	Free Product		1	0	0	50	50.000	6/21/2002	6/21/2002
0206143-002A	Free Product		1	0	0	50	50.000	6/21/2002	6/21/2002
0206148-001B	Soil		1.02	0	0	50	49.020	6/21/2002	6/21/2002
0206148-002B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206148-003B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0206148-004B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206148-005B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206148-006B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0206148-007B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
0206148-008B	Soil		1.01	0	0	50	49.505	6/21/2002	6/21/2002
0206148-009B	Soil		1	0	0	50	50.000	6/21/2002	6/21/2002
TCNLCSDS2 062102			1	0	0	50	50.000	6/21/2002	6/21/2002
TCNLCSS2 062102			1	0	0	50	50.000	6/21/2002	6/21/2002
TCNMBS2 062102			1	0	0	50	50.000	6/21/2002	6/21/2002

STAT Analysis Corporation**PREP BATCH REPORT**

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Prep Start Date: 6/24/2002 7:00:00 A

Prep End Date: 6/24/2002 2:00:00 P

Prep Factor Units:

mL / g

Prep Batch 3118 Prep Code: TCNPREP_S Technician: CT

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206134-011B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206134-011BMS	Soil		1.02	0	0	50	49.020	6/24/2002	6/24/2002
0206134-011BMSD	Soil		1.01	0	0	50	49.505	6/24/2002	6/24/2002
0206139-001B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206139-002B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206139-003B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206139-004B	Soil		1.01	0	0	50	49.505	6/24/2002	6/24/2002
0206139-005B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206148-010B	Soil		1.01	0	0	50	49.505	6/24/2002	6/24/2002
0206148-011B	Soil		1.01	0	0	50	49.505	6/24/2002	6/24/2002
0206148-012B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206148-013B	Soil		1.01	0	0	50	49.505	6/24/2002	6/24/2002
0206148-014B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206148-015B	Soil		1.01	0	0	50	49.505	6/24/2002	6/24/2002
0206148-016B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206148-017B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206148-018B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206148-019B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206148-020B	Soil		1.01	0	0	50	49.505	6/24/2002	6/24/2002
0206148-021B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
0206148-022B	Soil		1.01	0	0	50	49.505	6/24/2002	6/24/2002
0206148-023B	Soil		1	0	0	50	50.000	6/24/2002	6/24/2002
TCNLCSDS1 062402			1	0	0	50	50.000	6/24/2002	6/24/2002
TCNLCSS1 062402			1	0	0	50	50.000	6/24/2002	6/24/2002
TCNMBS1 062402			1	0	0	50	50.000	6/24/2002	6/24/2002

CLIENT: Burns & McDonnell

Work Order: 0206148

Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3172

Sample ID: MB-3172-PCB	SampType: MBLK	TestCode: PCB_SOIL	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: GC-ECD_020629B						
Client ID: ZZZZZ	Batch ID: 3172	TestNo: SW8082		Analysis Date: 6/30/2002	SeqNo: 74898						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.080									
Aroclor 1221	ND	0.080									
Aroclor 1232	ND	0.080									
Aroclor 1242	ND	0.080									
Aroclor 1248	ND	0.080									
Aroclor 1254	ND	0.16									
Aroclor 1260	ND	0.16									
Sample ID: LCS-3172-PCB	SampType: LCS	TestCode: PCB_SOIL	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: GC-ECD_020629B						
Client ID: ZZZZZ	Batch ID: 3172	TestNo: SW8082		Analysis Date: 6/30/2002	SeqNo: 74899						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.3073	0.080	0.333	0	92.3	30	150	0	0		
Aroclor 1260	0.2513	0.16	0.333	0	75.5	30	150	0	0		
Sample ID: 0206148-010BMS	SampType: MS	TestCode: PCB_SOIL	Units: mg/Kg-dry	Prep Date: 6/29/2002	Run ID: GC-ECD_020629B						
Client ID: HAS SP21B 001	Batch ID: 3172	TestNo: SW8082		Analysis Date: 6/30/2002	SeqNo: 74910						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.3673	0.092	0.3836	0	95.8	30	150	0	0		
Aroclor 1260	0.3736	0.18	0.3836	0	97.4	30	150	0	0		
Sample ID: 0206148-010BMSD	SampType: MSD	TestCode: PCB_SOIL	Units: mg/Kg-dry	Prep Date: 6/29/2002	Run ID: GC-ECD_020629B						
Client ID: HAS SP21B 001	Batch ID: 3172	TestNo: SW8082		Analysis Date: 6/30/2002	SeqNo: 74911						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.3499	0.093	0.3883	0	90.1	30	150	0.3673	4.83	25	
Aroclor 1260	0.3379	0.19	0.3883	0	87	30	150	0.3736	10.0	25	

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3173

Sample ID: MB-3173-PCB	SampType: MBLK	TestCode: PCB_SOIL	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: GC-ECD_020629B						
Client ID: ZZZZZ	Batch ID: 3173	TestNo: SW8082		Analysis Date: 7/1/2002	SeqNo: 74922						
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual											
Aroclor 1016	ND	0.080									
Aroclor 1221	ND	0.080									
Aroclor 1232	ND	0.080									
Aroclor 1242	ND	0.080									
Aroclor 1248	ND	0.080									
Aroclor 1254	ND	0.16									
Aroclor 1260	ND	0.16									
Sample ID: LCS-3173-PCB	SampType: LCS	TestCode: PCB_SOIL	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: GC-ECD_020629B						
Client ID: ZZZZZ	Batch ID: 3173	TestNo: SW8082		Analysis Date: 7/1/2002	SeqNo: 74923						
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual											
Aroclor 1016	0.3513	0.080	0.333	0	106	30	150	0	0		
Aroclor 1260	0.3711	0.16	0.333	0	111	30	150	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3062

Sample ID: IMBS1 06/22/02	SampType: MBLK	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 6/22/2002			Run ID: ICPMS_020628A				
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002			SeqNo: 74466				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.293	0.50									J
Arsenic	ND	0.25									
Beryllium	ND	0.25									
Cadmium	ND	0.25									
Chromium	ND	0.50									
Copper	ND	0.50									
Lead	ND	0.25									
Nickel	ND	0.50									
Selenium	ND	0.50									
Silver	0.1795	0.50									J
Thallium	0.4405	0.50									J
Zinc	ND	2.5									

Sample ID: ILCSS1 06/22/02	SampType: LCS	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 6/22/2002			Run ID: ICPMS_020628A				
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002			SeqNo: 74467				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	23.22	0.50	25	0.293	91.7	80	120	0	0		
Arsenic	23.2	0.25	25	0	92.8	80	120	0	0		
Beryllium	21.82	0.25	25	0	87.3	80	120	0	0		
Cadmium	22.89	0.25	25	0	91.6	80	120	0	0		
Chromium	24.52	0.50	25	0	98.1	80	120	0	0		
Copper	24.32	0.50	25	0	97.3	80	120	0	0		
Lead	23.12	0.25	25	0	92.5	80	120	0	0		
Nickel	24.94	0.50	25	0	99.7	80	120	0	0		
Selenium	21.89	0.50	25	0	87.6	80	120	0	0		
Silver	23.5	0.50	25	0.1795	93.3	80	120	0	0		
Thallium	22.05	0.50	25	0.4405	86.4	80	120	0	0		
Zinc	23.54	2.5	25	0	94.2	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3062

Sample ID: ILCSDS1 06/22/02	SampType: LCSD	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 6/22/2002	Run ID: ICPMS_020628A						
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002	SeqNo: 74468						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	24.33	0.50	25	0.293	96.1	80	120	23.22	4.67	20	
Arsenic	24.02	0.25	25	0	96.1	80	120	23.2	3.47	20	
Beryllium	22.39	0.25	25	0	89.6	80	120	21.82	2.58	20	
Cadmium	23.95	0.25	25	0	95.8	80	120	22.89	4.53	20	
Chromium	25.25	0.50	25	0	101	80	120	24.52	2.93	20	
Copper	24.72	0.50	25	0	98.9	80	120	24.32	1.59	20	
Lead	24.04	0.25	25	0	96.1	80	120	23.12	3.90	20	
Nickel	25.22	0.50	25	0	101	80	120	24.94	1.16	20	
Selenium	22.9	0.50	25	0	91.6	80	120	21.89	4.49	20	
Silver	24.46	0.50	25	0.1795	97.1	80	120	23.5	3.96	20	
Thallium	23.15	0.50	25	0.4405	90.8	80	120	22.05	4.87	20	
Zinc	24.18	2.5	25	0	96.7	80	120	23.54	2.66	20	
Sample ID: 0206134-011BMS	SampType: MS	TestCode: M_ICPMS_S	Units: mg/Kg-dry	Prep Date: 6/22/2002	Run ID: ICPMS_020628A						
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002	SeqNo: 74479						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	5.905	1.2	29.23	0.8879	17.2	75	125	0	0		S
Arsenic	38.07	0.58	29.23	7.663	104	75	125	0	0		
Beryllium	26.6	0.58	29.23	0.6493	88.8	75	125	0	0		
Cadmium	28.18	0.58	29.23	0.6209	94.3	75	125	0	0		
Chromium	42.82	1.2	29.23	15.35	94	75	125	0	0		
Copper	58.93	1.2	29.23	41.23	60.6	75	125	0	0		S
Lead	147	0.58	29.23	88.38	200	75	125	0	0		S
Nickel	52.75	1.2	29.23	26.63	89.4	75	125	0	0		
Selenium	27.14	1.2	29.23	0	92.8	75	125	0	0		
Silver	27.13	1.2	29.23	0.523	91	75	125	0	0		
Thallium	26.97	1.2	29.23	1.484	87.2	75	125	0	0		
Zinc	174.1	5.8	29.23	117.2	195	75	125	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3062

Sample ID: 0206134-011BMSD	SampType: MSD	TestCode: M_ICPMS_S	Units: mg/Kg-dry	Prep Date: 6/22/2002	Run ID: ICPMS_020628A						
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002	SeqNo: 74480						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	6.461	1.2	29.15	0.8879	19.1	75	125	5.905	8.98	20	S
Arsenic	37.07	0.58	29.15	7.663	101	75	125	38.07	2.66	20	
Beryllium	25.05	0.58	29.15	0.6493	83.7	75	125	26.6	6.01	20	
Cadmium	27.17	0.58	29.15	0.6209	91.1	75	125	28.18	3.65	20	
Chromium	41.64	1.2	29.15	15.35	90.2	75	125	42.82	2.80	20	
Copper	56.31	1.2	29.15	41.23	51.7	75	125	58.93	4.56	20	S
Lead	146.8	0.58	29.15	88.38	200	75	125	147	0.112	20	S
Nickel	47.2	1.2	29.15	26.63	70.5	75	125	52.75	11.1	20	S
Selenium	26.44	1.2	29.15	0	90.7	75	125	27.14	2.62	20	
Silver	26.13	1.2	29.15	0.523	87.8	75	125	27.13	3.73	20	
Thallium	25.71	1.2	29.15	1.484	83.1	75	125	26.97	4.77	20	
Zinc	151.5	5.8	29.15	117.2	118	75	125	174.1	13.9	20	
Sample ID: 0206134-011BPDS	SampType: PDS	TestCode: M_ICPMS_S	Units: mg/Kg-dry	Prep Date: 6/22/2002	Run ID: ICPMS_020628A						
Client ID: ZZZZZ	Batch ID: 3062	TestNo: SW6020		Analysis Date: 6/28/2002	SeqNo: 74481						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	27.26	1.2	28.96	0.8879	91.1	75	125	0	0		
Copper	65.04	1.2	28.96	41.23	82.2	75	125	0	0		
Lead	116.5	0.58	28.96	88.38	97.2	75	125	0	0		
Zinc	137	5.8	28.96	117.2	68.6	75	125	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
 Work Order: 0206148
 Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3079

Sample ID: IMBS2 06/24/02	SampType: MBLK	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 6/24/2002	Run ID: ICPMS_020626B
Client ID: ZZZZZ	Batch ID: 3079	TestNo: SW6020		Analysis Date: 6/26/2002	SeqNo: 73196
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Antimony	ND	0.50			
Arsenic	ND	0.25			
Beryllium	ND	0.25			
Cadmium	ND	0.25			
Chromium	ND	0.50			
Copper	ND	0.50			
Lead	ND	0.25			
Nickel	ND	0.50			
Selenium	ND	0.50			
Silver	ND	0.50			
Thallium	0.2765	0.50			J
Zinc	ND	2.5			

Sample ID: ILCSS2 06/24/02	SampType: LCS	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 6/24/2002	Run ID: ICPMS_020627A
Client ID: ZZZZZ	Batch ID: 3079	TestNo: SW6020		Analysis Date: 6/27/2002	SeqNo: 73605
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Antimony	22.74	0.50	25	0	90.9
Arsenic	21.94	0.25	25	0	87.8
Beryllium	21.7	0.25	25	0	86.8
Cadmium	21.83	0.25	25	0	87.3
Chromium	22.98	0.50	25	0	91.9
Copper	23.28	0.50	25	0	93.1
Lead	22.69	0.25	25	0	90.8
Nickel	23.19	0.50	25	0	92.8
Selenium	20.28	0.50	25	0	81.1
Silver	21.96	0.50	25	0	87.8
Thallium	22.26	0.50	25	0.2765	87.9
Zinc	21.64	2.5	25	0	86.6

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3079

Sample ID: ILCSDS2 06/24/02		SampType: LCSD	TestCode: M_ICPMS_S Units: mg/Kg			Prep Date: 6/24/2002			Run ID: ICPMS_020627A		
Client ID: ZZZZZ	Batch ID: 3079		TestNo: SW6020			Analysis Date: 6/27/2002			SeqNo: 73606		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	22.91	0.50	25	0	91.6	80	120	0	0	0	
Arsenic	22.22	0.25	25	0	88.9	80	120	0	0	0	
Beryllium	21.86	0.25	25	0	87.4	80	120	0	0	0	
Cadmium	22.2	0.25	25	0	88.8	80	120	0	0	0	
Chromium	23.47	0.50	25	0	93.9	80	120	0	0	0	
Copper	23.24	0.50	25	0	93	80	120	0	0	0	
Lead	22.98	0.25	25	0	91.9	80	120	0	0	0	
Nickel	23.5	0.50	25	0	94	80	120	0	0	0	
Selenium	20.52	0.50	25	0	82.1	80	120	0	0	0	
Silver	22.39	0.50	25	0	89.6	80	120	0	0	0	
Thallium	22.44	0.50	25	0	89.8	80	120	0	0	0	
Zinc	21.9	2.5	25	0	87.6	80	120	0	0	0	

Sample ID: 0206148-009BMS		SampType: MS	TestCode: M_ICPMS_S Units: mg/Kg-dry			Prep Date: 6/24/2002			Run ID: ICPMS_020627A		
Client ID: HAS SP20 003	Batch ID: 3079		TestNo: SW6020			Analysis Date: 6/27/2002			SeqNo: 74432		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	3.756	1.2	29.7	0	12.6	75	125	0	0	0	S
Arsenic	22.49	0.59	29.7	5.408	57.5	75	125	0	0	0	S
Beryllium	19.49	0.59	29.7	0	65.6	75	125	0	0	0	S
Cadmium	19.77	0.59	29.7	0	66.6	75	125	0	0	0	S
Chromium	36.26	1.2	29.7	17.7	62.5	75	125	0	0	0	S
Copper	36.13	1.2	29.7	24.82	38.1	75	125	0	0	0	S
Lead	33.53	0.59	29.7	19.19	48.3	75	125	0	0	0	S
Nickel	41.12	1.2	29.7	23.17	60.5	75	125	0	0	0	S
Selenium	18.28	1.2	29.7	0	61.6	75	125	0	0	0	S
Silver	6.967	1.2	29.7	0	23.5	75	125	0	0	0	S
Thallium	21.67	1.2	29.7	0.9962	69.6	75	125	0	0	0	S
Zinc	63.85	5.9	29.7	48.18	52.8	75	125	0	0	0	S

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3079

Sample ID: 0206148-009BMSD	SampType: MSD	TestCode: M_ICPMS_S	Units: mg/Kg-dry	Prep Date: 6/24/2002	Run ID: ICPMS_020627A						
Client ID: HAS SP20 003	Batch ID: 3079	TestNo: SW6020	Analysis Date: 6/27/2002		SeqNo: 74433						
Analyte											
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	4.175	1.2	30.25	0	13.8	75	125	3.756	10.6	20	S
Arsenic	22.48	0.60	30.25	5.408	56.4	75	125	22.49	0.0454	20	S
Beryllium	18.96	0.60	30.25	0	62.7	75	125	19.49	2.76	20	S
Cadmium	19.15	0.60	30.25	0	63.3	75	125	19.77	3.17	20	S
Chromium	35.99	1.2	30.25	17.7	60.5	75	125	36.26	0.751	20	S
Copper	35.62	1.2	30.25	24.82	35.7	75	125	36.13	1.42	20	S
Lead	35.61	0.60	30.25	19.19	54.3	75	125	33.53	6.02	20	S
Nickel	40.37	1.2	30.25	23.17	56.9	75	125	41.12	1.86	20	S
Selenium	18.59	1.2	30.25	0	61.5	75	125	18.28	1.66	20	S
Silver	16.07	1.2	30.25	0	53.1	75	125	6.967	79.0	20	SR
Thallium	21.1	1.2	30.25	0.9962	66.5	75	125	21.67	2.66	20	S
Zinc	62.73	6.0	30.25	48.18	48.1	75	125	63.85	1.78	20	S
Sample ID: 0206148-009BPDS	SampType: PDS	TestCode: M_ICPMS_S	Units: mg/Kg-dry	Prep Date: 6/24/2002	Run ID: ICPMS_020627A						
Client ID: HAS SP20 003	Batch ID: 3079	TestNo: SW6020	Analysis Date: 6/27/2002		SeqNo: 74434						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	25.11	1.2	29.28	0	85.8	75	125	0	0		
Arsenic	30.07	0.59	29.28	5.408	84.2	75	125	0	0		
Beryllium	22.83	0.59	29.28	0	78	75	125	0	0		
Cadmium	23.58	0.59	29.28	0	80.5	75	125	0	0		
Chromium	39.68	1.2	29.28	17.7	75	75	125	0	0		
Copper	46.75	1.2	29.28	24.82	74.9	75	125	0	0		S
Lead	43.26	0.59	29.28	19.19	82.2	75	125	0	0		
Nickel	44.6	1.2	29.28	23.17	73.2	75	125	0	0		S
Selenium	23.24	1.2	29.28	0	79.4	75	125	0	0		
Silver	14.45	1.2	29.28	0	49.4	75	125	0	0		S
Thallium	25.49	1.2	29.28	0.9962	83.7	75	125	0	0		
Zinc	66.65	5.9	29.28	48.18	63.1	75	125	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3091

Sample ID: HGMBS2 06/24/02	SampType: MBLK	TestCode: M_HG_SOLI	Units: mg/Kg	Prep Date: 6/24/2002	Run ID: CETAC_020626A
Client ID: ZZZZZ	Batch ID: 3091	TestNo: SW7471A		Analysis Date: 6/26/2002	SeqNo: 73481
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Mercury	ND	0.025			
Sample ID: HGLCSS2 06/24/02	SampType: LCS	TestCode: M_HG_SOLI	Units: mg/Kg	Prep Date: 6/24/2002	Run ID: CETAC_020626A
Client ID: ZZZZZ	Batch ID: 3091	TestNo: SW7471A		Analysis Date: 6/26/2002	SeqNo: 73482
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Mercury	0.24	0.025	0.25	0	96 80 120 0 0
Sample ID: HGLCSDS2 06/24/02	SampType: LCSD	TestCode: M_HG_SOLI	Units: mg/Kg	Prep Date: 6/24/2002	Run ID: CETAC_020626A
Client ID: ZZZZZ	Batch ID: 3091	TestNo: SW7471A		Analysis Date: 6/26/2002	SeqNo: 73483
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Mercury	0.256	0.025	0.25	0	102 80 120 0.24 6.45 20
Sample ID: 0206148-010BMS	SampType: MS	TestCode: M_HG_SOLI	Units: mg/Kg-dry	Prep Date: 6/24/2002	Run ID: CETAC_020626A
Client ID: HAS SP21B 001	Batch ID: 3091	TestNo: SW7471A		Analysis Date: 6/26/2002	SeqNo: 73486
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Mercury	0.287	0.027	0.2667	0.04817	89.5 75 125 0 0
Sample ID: 0206148-010BMSD	SampType: MSD	TestCode: M_HG_SOLI	Units: mg/Kg-dry	Prep Date: 6/24/2002	Run ID: CETAC_020626A
Client ID: HAS SP21B 001	Batch ID: 3091	TestNo: SW7471A		Analysis Date: 6/26/2002	SeqNo: 73487
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Mercury	0.3117	0.028	0.2803	0.04817	94 75 125 0.287 8.27 20

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3135

Sample ID: HGMBS1 06/25/02	SampType: MBLK	TestCode: M_HG_SOLI	Units: mg/Kg	Prep Date: 6/25/2002	Run ID: CETAC_020626A						
Client ID: ZZZZZ	Batch ID: 3135	TestNo: SW7471A		Analysis Date: 6/26/2002	SeqNo: 73511						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.025	0	0	0	0	0	0	0	0	
Sample ID: HGLCSS1 06/25/02	SampType: LCS	TestCode: M_HG_SOLI	Units: mg/Kg	Prep Date: 6/25/2002	Run ID: CETAC_020626A						
Client ID: ZZZZZ	Batch ID: 3135	TestNo: SW7471A		Analysis Date: 6/26/2002	SeqNo: 73512						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.233	0.025	0.25	0	93.2	80	120	0	0	0	
Sample ID: HGLCSDS1 06/25/02	SampType: LCSD	TestCode: M_HG_SOLI	Units: mg/Kg	Prep Date: 6/25/2002	Run ID: CETAC_020626A						
Client ID: ZZZZZ	Batch ID: 3135	TestNo: SW7471A		Analysis Date: 6/26/2002	SeqNo: 73513						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.234	0.025	0.25	0	93.6	80	120	0.233	0.428	20	
Sample ID: 0206148-023BMS	SampType: MS	TestCode: M_HG_SOLI	Units: mg/Kg-dry	Prep Date: 6/25/2002	Run ID: CETAC_020626A						
Client ID: HAS SP28 002	Batch ID: 3135	TestNo: SW7471A		Analysis Date: 6/26/2002	SeqNo: 73531						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4185	0.029	0.2898	0.1606	89	75	125	0	0	0	
Sample ID: 0206134-011BMS	SampType: MS	TestCode: M_HG_SOLI	Units: mg/Kg-dry	Prep Date: 6/25/2002	Run ID: CETAC_020626A						
Client ID: ZZZZZ	Batch ID: 3135	TestNo: SW7471A		Analysis Date: 6/26/2002	SeqNo: 73543						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.8797	0.29	0.2932	0.6245	87	75	125	0	0	0	
Sample ID: 0206148-023BMSD	SampType: MSD	TestCode: M_HG_SOLI	Units: mg/Kg-dry	Prep Date: 6/25/2002	Run ID: CETAC_020626A						
Client ID: HAS SP28 002	Batch ID: 3135	TestNo: SW7471A		Analysis Date: 6/26/2002	SeqNo: 73532						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3135

Sample ID: 0206148-023BMSD SampType: MSD		TestCode: M_HG_SOLI Units: mg/Kg-dry			Prep Date: 6/25/2002			Run ID: CETAC_020626A			
Client ID: HAS SP28 002 Batch ID: 3135		TestNo: SW7471A			Analysis Date: 6/26/2002			SeqNo: 73532			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.4183	0.029	0.2946	0.1606	87.5	75	125	0.4185	0.0393	20	
Sample ID: 0206134-011BMSD SampType: MSD		TestCode: M_HG_SOLI Units: mg/Kg-dry			Prep Date: 6/25/2002			Run ID: CETAC_020626A			
Client ID: ZZZZZ Batch ID: 3135		TestNo: SW7471A			Analysis Date: 6/26/2002			SeqNo: 73544			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.9562	0.28	0.278	0.6245	119	75	125	0.8797	8.33	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3167

Sample ID: MB-3167-PNA	SampType: MBLK	TestCode: PNA_SOIL	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-3_020713A
Client ID: ZZZZZ	Batch ID: 3167	TestNo: SW8270(SIM)		Analysis Date: 6/29/2002	SeqNo: 80696
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual					

Acenaphthene	ND	0.025
Acenaphthylene	ND	0.025
Anthracene	ND	0.025
Benz(a)anthracene	ND	0.025
Benzo(a)pyrene	ND	0.025
Benzo(b)fluoranthene	ND	0.025
Benzo(g,h,i)perylene	ND	0.025
Benzo(k)fluoranthene	ND	0.025
Chrysene	ND	0.025
Dibenz(a,h)anthracene	ND	0.025
Fluoranthene	ND	0.025
Fluorene	ND	0.025
Indeno(1,2,3-cd)pyrene	ND	0.025
Naphthalene	ND	0.025
Phenanthrene	ND	0.025
Pyrene	ND	0.025

Sample ID: LCS-3167-PNA	SampType: LCS	TestCode: PNA_SOIL	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-3_020713A					
Client ID: ZZZZZ	Batch ID: 3167	TestNo: SW8270(SIM)		Analysis Date: 6/29/2002	SeqNo: 80697					
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual										
Acenaphthene	0.1733	0.025	0.167	0	104	30	130	0	0	0
Acenaphthylene	0.177	0.025	0.167	0	106	30	130	0	0	0
Anthracene	0.202	0.025	0.167	0	121	30	130	0	0	0
Benz(a)anthracene	0.1757	0.025	0.167	0	105	30	130	0	0	0
Benzo(a)pyrene	0.1813	0.025	0.167	0	109	30	130	0	0	0
Benzo(b)fluoranthene	0.1853	0.025	0.167	0	111	30	130	0	0	0
Benzo(g,h,i)perylene	0.159	0.025	0.167	0	95.2	30	130	0	0	0
Benzo(k)fluoranthene	0.1823	0.025	0.167	0	109	30	130	0	0	0
Chrysene	0.1757	0.025	0.167	0	105	30	130	0	0	0
Dibenz(a,h)anthracene	0.1643	0.025	0.167	0	98.4	30	130	0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3167

Sample ID: LCS-3167-PNA	SampType: LCS	TestCode: PNA_SOIL	Units: mg/Kg	Prep Date: 6/29/2002			Run ID: SVOC-3_020713A				
Client ID: ZZZZZ	Batch ID: 3167	TestNo: SW8270(SIM)		Analysis Date: 6/29/2002			SeqNo: 80697				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	0.196	0.025	0.167	0	117	30	130	0	0		
Fluorene	0.172	0.025	0.167	0	103	30	130	0	0		
Indeno(1,2,3-cd)pyrene	0.156	0.025	0.167	0	93.4	30	130	0	0		
Naphthalene	0.144	0.025	0.167	0	86.2	30	130	0	0		
Phenanthrene	0.1767	0.025	0.167	0	106	30	130	0	0		
Pyrene	0.1923	0.025	0.167	0	115	30	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3168

Sample ID: MB-3168-PNA	SampType: MBLK	TestCode: PNA_SOIL	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-1_020628A						
Client ID: ZZZZZ	Batch ID: 3168	TestNo: SW8270(SIM)		Analysis Date: 6/30/2002	SeqNo: 75301						
<hr/>											
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Acenaphthene	ND	0.025
Acenaphthylene	ND	0.025
Anthracene	ND	0.025
Benz(a)anthracene	ND	0.025
Benzo(a)pyrene	ND	0.025
Benzo(b)fluoranthene	ND	0.025
Benzo(g,h,i)perylene	ND	0.025
Benzo(k)fluoranthene	ND	0.025
Chrysene	ND	0.025
Dibenz(a,h)anthracene	ND	0.025
Fluoranthene	ND	0.025
Fluorene	ND	0.025
Indeno(1,2,3-cd)pyrene	ND	0.025
Naphthalene	ND	0.025
Phenanthrene	ND	0.025
Pyrene	ND	0.025

Sample ID: LCS-3168-PNA	SampType: LCS	TestCode: PNA_SOIL	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-1_020711A						
Client ID: ZZZZZ	Batch ID: 3168	TestNo: SW8270(SIM)		Analysis Date: 6/30/2002	SeqNo: 80726						
<hr/>											
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.1847	0.025	0.167	0	111	30	130	0	0	0	
Acenaphthylene	0.183	0.025	0.167	0	110	30	130	0	0	0	
Anthracene	0.202	0.025	0.167	0	121	30	130	0	0	0	
Benz(a)anthracene	0.208	0.025	0.167	0	125	30	130	0	0	0	
Benzo(a)pyrene	0.1737	0.025	0.167	0	104	30	130	0	0	0	
Benzo(b)fluoranthene	0.1903	0.025	0.167	0	114	30	130	0	0	0	
Benzo(g,h,i)perylene	0.1887	0.025	0.167	0	113	30	130	0	0	0	
Benzo(k)fluoranthene	0.1767	0.025	0.167	0	106	30	130	0	0	0	
Chrysene	0.1853	0.025	0.167	0	111	30	130	0	0	0	
Dibenz(a,h)anthracene	0.1937	0.025	0.167	0	116	30	130	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3168

Sample ID: LCS-3168-PNA	SampType: LCS	TestCode: PNA_SOIL	Units: mg/Kg	Prep Date: 6/29/2002			Run ID: SVOC-1_020711A				
Client ID: ZZZZZ	Batch ID: 3168	TestNo: SW8270(SIM)			Analysis Date: 6/30/2002			SeqNo: 80726			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	0.2063	0.025	0.167	0	124	30	130	0	0		
Fluorene	0.1903	0.025	0.167	0	114	30	130	0	0		
Indeno(1,2,3-cd)pyrene	0.1873	0.025	0.167	0	112	30	130	0	0		
Naphthalene	0.163	0.025	0.167	0	97.6	30	130	0	0		
Phenanthrene	0.19	0.025	0.167	0	114	30	130	0	0		
Pyrene	0.2013	0.025	0.167	0	121	30	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3169

Sample ID: MB-3169-SVOC	SampType: MBLK	TestCode: SVOC_SOIL-	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-2_020630A						
Client ID: ZZZZZ	Batch ID: 3169	TestNo: SW8270C		Analysis Date: 6/30/2002	SeqNo: 75245						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-chloroethoxy)methane	ND	0.33									
Bis(2-chloroethyl)ether	ND	0.33									
Bis(2-ethylhexyl)phthalate	ND	0.33									
4-Bromophenyl phenyl ether	ND	0.33									
Butyl benzyl phthalate	ND	0.33									
Carbazole	ND	0.33									
4-Chloro-3-methylphenol	ND	0.33									
4-Chloroaniline	ND	0.33									
2-Chloronaphthalene	ND	0.33									
2-Chlorophenol	ND	0.33									
4-Chlorophenyl phenyl ether	ND	0.33									
Dibenzofuran	ND	0.33									
1,2-Dichlorobenzene	ND	0.33									
1,3-Dichlorobenzene	ND	0.33									
1,4-Dichlorobenzene	ND	0.33									
3,3'-Dichlorobenzidine	ND	0.66									
2,4-Dichlorophenol	ND	0.33									
Diethyl phthalate	ND	0.33									
Dimethyl phthalate	ND	0.33									
Di-n-butyl phthalate	ND	0.33									
2,4-Dimethylphenol	ND	0.33									
4,6-Dinitro-2-methylphenol	ND	1.6									
2,4-Dinitrophenol	ND	1.6									
2,4-Dinitrotoluene	ND	0.25									
2,6-Dinitrotoluene	ND	0.25									
Di-n-octyl phthalate	ND	0.33									
Hexachlorobenzene	ND	0.33									
Hexachlorobutadiene	ND	0.33									
Hexachlorocyclopentadiene	ND	0.33									
Hexachloroethane	ND	0.33									
Isophorone	ND	0.33									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3169

Sample ID: MB-3169-SVOC	SampType: MBLK	TestCode: SVOC_SOIL-	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-2_020630A
Client ID: ZZZZZ	Batch ID: 3169	TestNo: SW8270C		Analysis Date: 6/30/2002	SeqNo: 75245
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
2-Methylnaphthalene	ND	0.33			
2-Methylphenol	ND	0.33			
4-Methylphenol	ND	0.33			
2-Nitroaniline	ND	1.6			
3-Nitroaniline	ND	1.6			
4-Nitroaniline	ND	1.6			
Nitrobenzene	ND	0.33			
2-Nitrophenol	ND	1.6			
4-Nitrophenol	ND	1.6			
N-Nitrosodi-n-propylamine	ND	0.33			
N-Nitrosodiphenylamine	ND	0.33			
2, 2'-oxybis(1-Chloropropane)	ND	0.33			
Pentachlorophenol	ND	1.6			
Phenol	ND	0.33			
1,2,4-Trichlorobenzene	ND	0.33			
2,4,5-Trichlorophenol	ND	0.66			
2,4,6-Trichlorophenol	ND	0.33			

Sample ID: LCS-3169-SVOC	SampType: LCS	TestCode: SVOC_SOIL-	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-2_020630A
Client ID: ZZZZZ	Batch ID: 3169	TestNo: SW8270C		Analysis Date: 6/30/2002	SeqNo: 75246
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
4-Chloro-3-methylphenol	2.961	0.33	3.333	0	88.8
2-Chlorophenol	2.288	0.33	3.333	0	68.7
1,4-Dichlorobenzene	0.9763	0.33	1.667	0	58.6
2,4-Dinitrotoluene	1.431	0.25	1.667	0	85.8
4-Nitrophenol	2.771	1.6	3.333	0	83.1
N-Nitrosodi-n-propylamine	1.33	0.33	1.667	0	79.8
Pentachlorophenol	2.906	1.6	3.333	0	87.2
Phenol	2.278	0.33	3.333	0	68.3
1,2,4-Trichlorobenzene	1.087	0.33	1.667	0	65.2

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3169

Sample ID: 0206148-019BMS	SampType: MS	TestCode: SVOC_SOIL- Units: mg/Kg-dry			Prep Date: 6/29/2002			Run ID: SVOC-2_020630A			
Client ID: HAS SP26 002	Batch ID: 3169	TestNo: SW8270C			Analysis Date: 7/1/2002			SeqNo: 75259			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloro-3-methylphenol	3.365	0.38	3.84	0	87.6	26	103	0	0		
2-Chlorophenol	2.967	0.38	3.84	0	77.3	25	102	0	0		
1,4-Dichlorobenzene	1.239	0.38	1.921	0	64.5	28	104	0	0		
2,4-Dinitrotoluene	1.486	0.29	1.921	0	77.4	28	89	0	0		
4-Nitrophenol	2.639	1.8	3.84	0	68.7	11	114	0	0		
N-Nitrosodi-n-propylamine	1.525	0.38	1.921	0	79.4	41	126	0	0		
Pentachlorophenol	1.826	1.8	3.84	0	47.6	17	109	0	0		
Phenol	2.976	0.38	3.84	0	77.5	26	90	0	0		
1,2,4-Trichlorobenzene	1.356	0.38	1.921	0	70.6	38	107	0	0		
Sample ID: 0206148-019BMSD	SampType: MSD	TestCode: SVOC_SOIL- Units: mg/Kg-dry			Prep Date: 6/29/2002			Run ID: SVOC-2_020630A			
Client ID: HAS SP26 002	Batch ID: 3169	TestNo: SW8270C			Analysis Date: 7/1/2002			SeqNo: 75260			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloro-3-methylphenol	3.84	0.38	3.802	0	101	26	103	3.365	13.2	33	
2-Chlorophenol	3.521	0.38	3.802	0	92.6	25	102	2.967	17.1	50	
1,4-Dichlorobenzene	1.512	0.38	1.901	0	79.5	28	104	1.239	19.8	27	
2,4-Dinitrotoluene	1.636	0.29	1.901	0	86.1	28	89	1.486	9.62	47	
4-Nitrophenol	2.975	1.8	3.802	0	78.3	11	114	2.639	12.0	50	
N-Nitrosodi-n-propylamine	1.812	0.38	1.901	0	95.3	41	126	1.525	17.2	38	
Pentachlorophenol	2.331	1.8	3.802	0	61.3	17	109	1.826	24.3	47	
Phenol	3.434	0.38	3.802	0	90.3	26	90	2.976	14.3	35	S
1,2,4-Trichlorobenzene	1.62	0.38	1.901	0	85.2	38	107	1.356	17.8	23	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3170

Sample ID: MB-3170-SVOC	SampType: MBLK	TestCode: SVOC_SOIL-	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-2_020630A						
Client ID: ZZZZZ	Batch ID: 3170	TestNo: SW8270C		Analysis Date: 7/1/2002	SeqNo: 75262						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-chloroethoxy)methane	ND	0.33									
Bis(2-chloroethyl)ether	ND	0.33									
Bis(2-ethylhexyl)phthalate	ND	0.33									
4-Bromophenyl phenyl ether	ND	0.33									
Butyl benzyl phthalate	ND	0.33									
Carbazole	ND	0.33									
4-Chloro-3-methylphenol	ND	0.33									
4-Chloroaniline	ND	0.33									
2-Chloronaphthalene	ND	0.33									
2-Chlorophenol	ND	0.33									
4-Chlorophenyl phenyl ether	ND	0.33									
Dibenzofuran	ND	0.33									
1,2-Dichlorobenzene	ND	0.33									
1,3-Dichlorobenzene	ND	0.33									
1,4-Dichlorobenzene	ND	0.33									
3,3'-Dichlorobenzidine	ND	0.66									
2,4-Dichlorophenol	ND	0.33									
Diethyl phthalate	ND	0.33									
Dimethyl phthalate	ND	0.33									
Di-n-butyl phthalate	ND	0.33									
2,4-Dimethylphenol	ND	0.33									
4,6-Dinitro-2-methylphenol	ND	1.6									
2,4-Dinitrophenol	ND	1.6									
2,4-Dinitrotoluene	ND	0.25									
2,6-Dinitrotoluene	ND	0.25									
Di-n-octyl phthalate	ND	0.33									
Hexachlorobenzene	ND	0.33									
Hexachlorobutadiene	ND	0.33									
Hexachlorocyclopentadiene	ND	0.33									
Hexachloroethane	ND	0.33									
Isophorone	ND	0.33									

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3170

Sample ID: MB-3170-SVOC	SampType: MBLK	TestCode: SVOC_SOIL- Units: mg/Kg			Prep Date: 6/29/2002			Run ID: SVOC-2_020630A			
Client ID: ZZZZZ	Batch ID: 3170	TestNo: SW8270C			Analysis Date: 7/1/2002			SeqNo: 75262			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Methylnaphthalene	ND	0.33									
2-Methylphenol	ND	0.33									
4-Methylphenol	ND	0.33									
2-Nitroaniline	ND	1.6									
3-Nitroaniline	ND	1.6									
4-Nitroaniline	ND	1.6									
Nitrobenzene	ND	0.33									
2-Nitrophenol	ND	1.6									
4-Nitrophenol	ND	1.6									
N-Nitrosodi-n-propylamine	ND	0.33									
N-Nitrosodiphenylamine	ND	0.33									
2, 2'-oxybis(1-Chloropropane)	ND	0.33									
Pentachlorophenol	ND	1.6									
Phenol	ND	0.33									
1,2,4-Trichlorobenzene	ND	0.33									
2,4,5-Trichlorophenol	ND	0.66									
2,4,6-Trichlorophenol	ND	0.33									

Sample ID: LCS-3170-SVOC	SampType: LCS	TestCode: SVOC_SOIL- Units: mg/Kg			Prep Date: 6/29/2002			Run ID: SVOC-2_020630A			
Client ID: ZZZZZ	Batch ID: 3170	TestNo: SW8270C			Analysis Date: 7/1/2002			SeqNo: 75263			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Chloro-3-methylphenol	2.884	0.33	3.333	0	86.5	26	103	0	0	0	
2-Chlorophenol	2.451	0.33	3.333	0	73.5	25	102	0	0	0	
1,4-Dichlorobenzene	1.051	0.33	1.667	0	63	28	104	0	0	0	
2,4-Dinitrotoluene	1.272	0.25	1.667	0	76.3	28	89	0	0	0	
4-Nitrophenol	2.665	1.6	3.333	0	80	11	114	0	0	0	
N-Nitrosodi-n-propylamine	1.369	0.33	1.667	0	82.1	41	126	0	0	0	
Pentachlorophenol	2.762	1.6	3.333	0	82.9	17	109	0	0	0	
Phenol	2.419	0.33	3.333	0	72.6	26	90	0	0	0	
1,2,4-Trichlorobenzene	1.151	0.33	1.667	0	69.1	38	107	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3192

Sample ID: 0206148-009BMS	SampType: MS	TestCode: PNA_SOIL-B	Units: mg/Kg-dry	Prep Date: 7/1/2002				Run ID: SVOC-1_020702A			
Client ID: HAS SP20 003	Batch ID: 3192	TestNo: SW8270(SIM)		Analysis Date: 7/3/2002				SeqNo: 76421			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.3045	0.030	0.2029	0	150	30	130	0	0		S
Acenaphthylene	0.3252	0.030	0.2029	0	160	30	130	0	0		S
Anthracene	0.3483	0.030	0.2029	0	172	30	130	0	0		S
Benz(a)anthracene	0.3082	0.030	0.2029	0	152	30	130	0	0		S
Benzo(b)fluoranthene	0.1932	0.030	0.2029	0	95.2	30	130	0	0		
Benzo(k)fluoranthene	0.2474	0.030	0.2029	0	122	30	130	0	0		
Benzo(g,h,i)perylene	0.1438	0.030	0.2029	0	70.9	30	130	0	0		
Benzo(a)pyrene	0.1915	0.030	0.2029	0	94.4	30	130	0	0		
Chrysene	0.3349	0.030	0.2029	0	165	30	130	0	0		S
Dibenz(a,h)anthracene	0.1458	0.030	0.2029	0	71.9	30	130	0	0		
Fluoranthene	0.3871	0.030	0.2029	0	191	30	130	0	0		S
Fluorene	0.3033	0.030	0.2029	0	150	30	130	0	0		S
Indeno(1,2,3-cd)pyrene	0.1511	0.030	0.2029	0	74.5	30	130	0	0		
Naphthalene	0.3321	0.030	0.2029	0.1971	66.5	30	130	0	0		
Phenanthrene	0.343	0.030	0.2029	0	169	30	130	0	0		S
Pyrene	0.3815	0.030	0.2029	0	188	30	130	0	0		S
Sample ID: 0206148-009BMSD	SampType: MSD	TestCode: PNA_SOIL-B	Units: mg/Kg-dry	Prep Date: 7/1/2002				Run ID: SVOC-1_020702A			
Client ID: HAS SP20 003	Batch ID: 3192	TestNo: SW8270(SIM)		Analysis Date: 7/3/2002				SeqNo: 76422			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.3501	0.030	0.2032	0	172	30	130	0.3045	13.9	50	S
Acenaphthylene	0.3699	0.030	0.2032	0	182	30	130	0.3252	12.9	50	S
Anthracene	0.3935	0.030	0.2032	0	194	30	130	0.3483	12.2	50	S
Benz(a)anthracene	0.3156	0.030	0.2032	0	155	30	130	0.3082	2.37	50	S
Benzo(b)fluoranthene	0.2044	0.030	0.2032	0	101	30	130	0.1932	5.67	50	
Benzo(k)fluoranthene	0.2474	0.030	0.2032	0	122	30	130	0.2474	0.00180	50	
Benzo(g,h,i)perylene	0.1379	0.030	0.2032	0	67.9	30	130	0.1438	4.15	50	
Benzo(a)pyrene	0.2012	0.030	0.2032	0	99	30	130	0.1915	4.91	50	
Chrysene	0.3476	0.030	0.2032	0	171	30	130	0.3349	3.72	50	S
Dibenz(a,h)anthracene	0.1602	0.030	0.2032	0	78.8	30	130	0.1458	9.43	50	

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3192

Sample ID: 0206148-009BMSD	SampType: MSD	TestCode: PNA_SOIL-B	Units: mg/Kg-dry	Prep Date: 7/1/2002	Run ID: SVOC-1_020702A						
Client ID: HAS SP20 003	Batch ID: 3192	TestNo: SW8270(SIM)		Analysis Date: 7/3/2002	SeqNo: 76422						
<hr/>											
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	0.4162	0.030	0.2032	0	205	30	130	0.3871	7.23	50	SE
Fluorene	0.372	0.030	0.2032	0	183	30	130	0.3033	20.3	50	S
Indeno(1,2,3-cd)pyrene	0.1659	0.030	0.2032	0	81.6	30	130	0.1511	9.37	50	
Naphthalene	0.4178	0.030	0.2032	0.1971	109	30	130	0.3321	22.9	50	E
Phenanthrene	0.3975	0.030	0.2032	0	196	30	130	0.343	14.7	50	S
Pyrene	0.3955	0.030	0.2032	0	195	30	130	0.3815	3.60	50	S

Qualifiers:
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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3013

Sample ID: 0206148-010AMS	SampType: MS	TestCode: VOC_ENCOD			Units: mg/Kg-dry	Prep Date: 6/20/2002			Run ID: VOA-3_020627B		
Client ID: HAS SP21B 001	Batch ID: 3013	TestNo: SW5035/8260				Analysis Date: 6/27/2002			SeqNo: 74095		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.1572	0.038	0.07666	0	205	70	130	0	0		S
Benzene	0.06213	0.0077	0.07666	0	81	37	151	0	0		
Bromodichloromethane	0.06509	0.0077	0.07666	0	84.9	70	130	0	0		
Bromoform	0.05644	0.0077	0.07666	0	73.6	70	130	0	0		
Bromomethane	0.06671	0.015	0.07666	0	87	70	130	0	0		
2-Butanone	0.06808	0.015	0.07666	0	88.8	70	130	0	0		
Carbon disulfide	0.06538	0.0077	0.07666	0	85.3	70	130	0	0		
Carbon tetrachloride	0.06708	0.0077	0.07666	0	87.5	70	130	0	0		
Chlorobenzene	0.05256	0.0077	0.07666	0	68.6	37	160	0	0		
Chloroethane	0.07936	0.015	0.07666	0	104	70	130	0	0		
Chloroform	0.06682	0.0077	0.07666	0	87.2	70	130	0	0		
Chloromethane	0.05046	0.0077	0.07666	0	65.8	70	130	0	0		S
Dibromochloromethane	0.05673	0.0077	0.07666	0	74	70	130	0	0		
1,1-Dichloroethane	0.05834	0.0077	0.07666	0	76.1	70	130	0	0		
1,2-Dichloroethane	0.07174	0.0077	0.07666	0	93.6	70	130	0	0		
1,1-Dichloroethene	0.06322	0.0077	0.07666	0	82.5	0	234	0	0		
cis-1,2-Dichloroethene	0.06323	0.0077	0.07666	0	82.5	70	130	0	0		
trans-1,2-Dichloroethene	0.06688	0.0077	0.07666	0	87.2	70	130	0	0		
1,2-Dichloropropane	0.06087	0.0077	0.07666	0	79.4	70	130	0	0		
cis-1,3-Dichloropropene	0.05947	0.0077	0.07666	0	77.6	70	130	0	0		
trans-1,3-Dichloropropene	0.0653	0.0077	0.07666	0	85.2	70	130	0	0		
Ethylbenzene	0.05489	0.0077	0.07666	0	71.6	70	130	0	0		
2-Hexanone	0.06699	0.015	0.07666	0	87.4	70	130	0	0		
4-Methyl-2-pentanone	0.06225	0.015	0.07666	0	81.2	70	130	0	0		
Methylene chloride	0.06575	0.015	0.07666	0	85.8	70	130	0	0		
Styrene	0.0502	0.0077	0.07666	0	65.5	70	130	0	0		S
1,1,2,2-Tetrachloroethane	0.05619	0.0077	0.07666	0	73.3	70	130	0	0		
Tetrachloroethene	0.06003	0.0077	0.07666	0	78.3	70	130	0	0		
Toluene	0.0577	0.0077	0.07666	0	75.3	47	150	0	0		
1,1,1-Trichloroethane	0.07062	0.0077	0.07666	0	92.1	70	130	0	0		
1,1,2-Trichloroethane	0.05891	0.0077	0.07666	0	76.8	70	130	0	0		

Qualifiers:
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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3013

Sample ID: 0206148-010AMS	SampType: MS	TestCode: VOC_ENCOD Units: mg/Kg-dry			Prep Date: 6/20/2002			Run ID: VOA-3_020627B			
Client ID: HAS SP21B 001	Batch ID: 3013	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 74095			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	0.05701	0.0077	0.07666	0	74.4	71	157	0	0		
Vinyl chloride	0.0575	0.0077	0.07666	0	75	70	130	0	0		
m,p-Xylene	0.1118	0.0077	0.1533	0	72.9	70	130	0	0		
o-Xylene	0.05693	0.0077	0.07666	0	74.3	70	130	0	0		
Sample ID: 0206148-010AMSD	SampType: MSD	TestCode: VOC_ENCOD Units: mg/Kg-dry			Prep Date: 6/20/2002			Run ID: VOA-3_020627B			
Client ID: HAS SP21B 001	Batch ID: 3013	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 74097			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.2008	0.040	0.08	0	251	70	130	0.1572	24.3	25	S
Benzene	0.07398	0.0080	0.08	0	92.5	37	151	0.06213	17.4	25	
Bromodichloromethane	0.07414	0.0080	0.08	0	92.7	70	130	0.06509	13.0	25	
Bromoform	0.07174	0.0080	0.08	0	89.7	70	130	0.05644	23.9	25	
Bromomethane	0.08444	0.016	0.08	0	106	70	130	0.06671	23.5	25	
2-Butanone	0.1008	0.016	0.08	0	126	70	130	0.06808	38.8	25	R
Carbon disulfide	0.07361	0.0080	0.08	0	92	70	130	0.06538	11.8	25	
Carbon tetrachloride	0.08017	0.0080	0.08	0	100	70	130	0.06708	17.8	25	
Chlorobenzene	0.06497	0.0080	0.08	0	81.2	37	160	0.05256	21.1	25	
Chloroethane	0.09625	0.016	0.08	0	120	70	130	0.07936	19.2	25	
Chloroform	0.08084	0.0080	0.08	0	101	70	130	0.06682	19.0	25	
Chloromethane	0.06888	0.0080	0.08	0	86.1	70	130	0.05046	30.9	25	R
Dibromochloromethane	0.06832	0.0080	0.08	0	85.4	70	130	0.05673	18.5	25	
1,1-Dichloroethane	0.07481	0.0080	0.08	0	93.5	70	130	0.05834	24.7	25	
1,2-Dichloroethane	0.07958	0.0080	0.08	0	99.5	70	130	0.07174	10.4	25	
1,1-Dichloroethene	0.06555	0.0080	0.08	0	81.9	0	234	0.06322	3.62	25	
cis-1,2-Dichloroethene	0.07817	0.0080	0.08	0	97.7	70	130	0.06323	21.1	25	
trans-1,2-Dichloroethene	0.08521	0.0080	0.08	0	107	70	130	0.06688	24.1	25	
1,2-Dichloropropane	0.07209	0.0080	0.08	0	90.1	70	130	0.06087	16.9	25	
cis-1,3-Dichloropropene	0.07252	0.0080	0.08	0	90.7	70	130	0.05947	19.8	25	
trans-1,3-Dichloropropene	0.08244	0.0080	0.08	0	103	70	130	0.0653	23.2	25	
Ethylbenzene	0.06961	0.0080	0.08	0	87	70	130	0.05489	23.7	25	

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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3013

Sample ID: 0206148-010AMSD SampType: MSD		TestCode: VOC_ENCOD Units: mg/Kg-dry			Prep Date: 6/20/2002			Run ID: VOA-3_020627B			
Client ID: HAS SP21B 001	Batch ID: 3013	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 74097			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	0.07212	0.016	0.08	0	90.2	70	130	0.06699	7.39	25	
4-Methyl-2-pentanone	0.07086	0.016	0.08	0	88.6	70	130	0.06225	12.9	25	
Methylene chloride	0.0836	0.016	0.08	0	104	70	130	0.06575	23.9	25	
Styrene	0.06345	0.0080	0.08	0	79.3	70	130	0.0502	23.3	25	
1,1,2,2-Tetrachloroethane	0.06993	0.0080	0.08	0	87.4	70	130	0.05619	21.8	25	
Tetrachloroethene	0.06843	0.0080	0.08	0	85.5	70	130	0.06003	13.1	25	
Toluene	0.07036	0.0080	0.08	0	88	47	150	0.0577	19.8	25	
1,1,1-Trichloroethane	0.08382	0.0080	0.08	0	105	70	130	0.07062	17.1	25	
1,1,2-Trichloroethane	0.07251	0.0080	0.08	0	90.6	70	130	0.05891	20.7	25	
Trichloroethene	0.07457	0.0080	0.08	0	93.2	71	157	0.05701	26.7	25	R
Vinyl chloride	0.083	0.0080	0.08	0	104	70	130	0.0575	36.3	25	R
m,p-Xylene	0.1389	0.0080	0.16	0	86.8	70	130	0.1118	21.6	25	
o-Xylene	0.07188	0.0080	0.08	0	89.9	70	130	0.05693	23.2	25	

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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3792

Sample ID: VBLK062702a3	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-3_020627A
Client ID: ZZZZZ	Batch ID: R3792	TestNo: SW5035/8260		Analysis Date: 6/27/2002	SeqNo: 73877
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
1,1,1-Trichloroethane	ND	0.0050			
1,1,2,2-Tetrachloroethane	ND	0.0050			
1,1,2-Trichloroethane	ND	0.0050			
1,1-Dichloroethane	ND	0.0050			
1,1-Dichloroethene	ND	0.0050			
1,2-Dichloroethane	ND	0.0050			
1,2-Dichloropropane	ND	0.0050			
2-Butanone	ND	0.010			
2-Hexanone	ND	0.010			
4-Methyl-2-pentanone	ND	0.010			
Acetone	0.00913	0.025			J
Benzene	ND	0.0050			
Bromodichloromethane	ND	0.0050			
Bromoform	ND	0.0050			
Bromomethane	ND	0.010			
Carbon disulfide	ND	0.0050			
Carbon tetrachloride	ND	0.0050			
Chlorobenzene	ND	0.0050			
Chloroethane	ND	0.010			
Chloroform	ND	0.0050			
Chloromethane	ND	0.010			
cis-1,2-Dichloroethene	ND	0.0050			
cis-1,3-Dichloropropene	ND	0.0050			
Dibromochloromethane	ND	0.0050			
Ethylbenzene	ND	0.0050			
m,p-Xylene	ND	0.0050			
Methylene chloride	0.00136	0.010			J
o-Xylene	ND	0.0050			
Styrene	ND	0.0050			
Tetrachloroethene	ND	0.0050			
Toluene	ND	0.0050			

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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3792

Sample ID: VBLK062702a3	SampType: MBLK	TestCode: VOC_5035+ Units: mg/Kg			Prep Date:			Run ID: VOA-3_020627A			
Client ID: ZZZZZ	Batch ID: R3792	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73877			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0050									
trans-1,3-Dichloropropene	ND	0.0050									
Trichloroethene	ND	0.0050									
Vinyl chloride	ND	0.0050									

Sample ID: VLCS062702a-3	SampType: LCS	TestCode: VOC_5035+ Units: mg/Kg			Prep Date:			Run ID: VOA-3_020627A			
Client ID: ZZZZZ	Batch ID: R3792	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73879			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.04372	0.0050	0.05	0	87.4	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.04766	0.0050	0.05	0	95.3	70	130	0	0		
1,1,2-Trichloroethane	0.04158	0.0050	0.05	0	83.2	70	130	0	0		
1,1-Dichloroethane	0.03889	0.0050	0.05	0	77.8	70	130	0	0		
1,1-Dichloroethene	0.04137	0.0050	0.05	0	82.7	70	130	0	0		
1,2-Dichloroethane	0.04461	0.0050	0.05	0	89.2	70	130	0	0		
1,2-Dichloropropane	0.03961	0.0050	0.05	0	79.2	70	130	0	0		
2-Butanone	0.03834	0.010	0.05	0	76.7	70	130	0	0		
2-Hexanone	0.04064	0.010	0.05	0	81.3	70	130	0	0		
4-Methyl-2-pentanone	0.03973	0.010	0.05	0	79.5	70	130	0	0		
Acetone	0.05695	0.025	0.05	0.00913	95.6	70	130	0	0		
Benzene	0.04093	0.0050	0.05	0	81.9	70	130	0	0		
Bromodichloromethane	0.04406	0.0050	0.05	0	88.1	70	130	0	0		
Bromoform	0.04713	0.0050	0.05	0	94.3	70	130	0	0		
Bromomethane	0.03881	0.010	0.05	0	77.6	70	130	0	0		
Carbon disulfide	0.04511	0.0050	0.05	0	90.2	70	130	0	0		
Carbon tetrachloride	0.04269	0.0050	0.05	0	85.4	70	130	0	0		
Chlorobenzene	0.04101	0.0050	0.05	0	82	70	130	0	0		
Chloroethane	0.04525	0.010	0.05	0	90.5	70	130	0	0		
Chloroform	0.04345	0.0050	0.05	0	86.9	70	130	0	0		
Chloromethane	0.03475	0.010	0.05	0	69.5	70	130	0	0		
cis-1,2-Dichloroethene	0.04184	0.0050	0.05	0	83.7	70	130	0	0		S

Qualifiers: ND - Not Detected at the Reporting Limit

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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3792

Sample ID: VLCS062702a-3	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-3_020627A				
Client ID: ZZZZZ	Batch ID: R3792	TestNo: SW5035/8260		Analysis Date: 6/27/2002			SeqNo: 73879				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	0.04681	0.0050	0.05	0	93.6	70	130	0	0	0	
Dibromochloromethane	0.04375	0.0050	0.05	0	87.5	70	130	0	0	0	
Ethylbenzene	0.04339	0.0050	0.05	0	86.8	70	130	0	0	0	
m,p-Xylene	0.08726	0.0050	0.1	0	87.3	70	130	0	0	0	
Methylene chloride	0.04183	0.010	0.05	0.00136	80.9	70	130	0	0	0	
o-Xylene	0.04583	0.0050	0.05	0	91.7	70	130	0	0	0	
Styrene	0.04506	0.0050	0.05	0	90.1	70	130	0	0	0	
Tetrachloroethene	0.04298	0.0050	0.05	0	86	70	130	0	0	0	
Toluene	0.04283	0.0050	0.05	0	85.7	70	130	0	0	0	
trans-1,2-Dichloroethene	0.04123	0.0050	0.05	0	82.5	70	130	0	0	0	
trans-1,3-Dichloropropene	0.05415	0.0050	0.05	0	108	70	130	0	0	0	
Trichloroethene	0.04063	0.0050	0.05	0	81.3	70	130	0	0	0	
Vinyl chloride	0.03577	0.0050	0.05	0	71.5	70	130	0	0	0	

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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank
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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3797

Sample ID: VBLK062802-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-2_020628A						
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260		Analysis Date: 6/28/2002	SeqNo: 74034						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.0050									
1,1,2,2-Tetrachloroethane	ND	0.0050									
1,1,2-Trichloroethane	ND	0.0050									
1,1-Dichloroethane	ND	0.0050									
1,1-Dichloroethene	ND	0.0050									
1,2-Dichloroethane	ND	0.0050									
1,2-Dichloropropane	ND	0.0050									
2-Butanone	ND	0.010									
2-Hexanone	ND	0.010									
4-Methyl-2-pentanone	ND	0.010									
Acetone	ND	0.025									
Benzene	ND	0.0050									
Bromodichloromethane	ND	0.0050									
Bromoform	ND	0.0050									
Bromomethane	ND	0.010									
Carbon disulfide	ND	0.0050									
Carbon tetrachloride	ND	0.0050									
Chlorobenzene	ND	0.0050									
Chloroethane	ND	0.010									
Chloroform	ND	0.0050									
Chloromethane	ND	0.010									
cis-1,2-Dichloroethene	ND	0.0050									
cis-1,3-Dichloropropene	ND	0.0050									
Dibromochloromethane	ND	0.0050									
Ethylbenzene	ND	0.0050									
m,p-Xylene	ND	0.0050									
Methylene chloride	ND	0.010									
o-Xylene	ND	0.0050									
Styrene	ND	0.0050									
Tetrachloroethene	ND	0.0050									
Toluene	ND	0.0050									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

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B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3797

Sample ID: VBLK062802-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-2_020628A				
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260		Analysis Date: 6/28/2002			SeqNo: 74034				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0050									
trans-1,3-Dichloropropene	ND	0.0050									
Trichloroethene	ND	0.0050									
Vinyl chloride	ND	0.0050									
Sample ID: VLCS062802-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-2_020628A				
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260		Analysis Date: 6/28/2002			SeqNo: 74037				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.04984	0.0050	0.05	0	99.7	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.04585	0.0050	0.05	0	91.7	70	130	0	0		
1,1,2-Trichloroethane	0.0469	0.0050	0.05	0	93.8	70	130	0	0		
1,1-Dichloroethane	0.0449	0.0050	0.05	0	89.8	70	130	0	0		
1,1-Dichloroethene	0.04894	0.0050	0.05	0	97.9	70	130	0	0		
1,2-Dichloroethane	0.04908	0.0050	0.05	0	98.2	70	130	0	0		
1,2-Dichloropropane	0.04762	0.0050	0.05	0	95.2	70	130	0	0		
2-Butanone	0.04674	0.010	0.05	0	93.5	70	130	0	0		
2-Hexanone	0.04689	0.010	0.05	0	93.8	70	130	0	0		
4-Methyl-2-pentanone	0.04548	0.010	0.05	0	91	70	130	0	0		
Acetone	0.04708	0.025	0.05	0	94.2	70	130	0	0		
Benzene	0.04784	0.0050	0.05	0	95.7	70	130	0	0		
Bromodichloromethane	0.04976	0.0050	0.05	0	99.5	70	130	0	0		
Bromoform	0.05247	0.0050	0.05	0	105	70	130	0	0		
Bromomethane	0.03824	0.010	0.05	0	76.5	70	130	0	0		
Carbon disulfide	0.05045	0.0050	0.05	0	101	70	130	0	0		
Carbon tetrachloride	0.0502	0.0050	0.05	0	100	70	130	0	0		
Chlorobenzene	0.05097	0.0050	0.05	0	102	70	130	0	0		
Chloroethane	0.05017	0.010	0.05	0	100	70	130	0	0		
Chloroform	0.04744	0.0050	0.05	0	94.9	70	130	0	0		
Chloromethane	0.04649	0.010	0.05	0	93	70	130	0	0		
cis-1,2-Dichloroethene	0.04829	0.0050	0.05	0	96.6	70	130	0	0		

Qualifiers:
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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3797

Sample ID: VLCS062802-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:				Run ID: VOA-2_020628A			
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260		Analysis Date: 6/28/2002				SeqNo: 74037			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	0.05034	0.0050	0.05	0	101	70	130	0	0		
Dibromochloromethane	0.04932	0.0050	0.05	0	98.6	70	130	0	0		
Ethylbenzene	0.05041	0.0050	0.05	0	101	70	130	0	0		
m,p-Xylene	0.1034	0.0050	0.1	0	103	70	130	0	0		
Methylene chloride	0.04679	0.010	0.05	0	93.6	70	130	0	0		
o-Xylene	0.05144	0.0050	0.05	0	103	70	130	0	0		
Styrene	0.05058	0.0050	0.05	0	101	70	130	0	0		
Tetrachloroethene	0.04791	0.0050	0.05	0	95.8	70	130	0	0		
Toluene	0.04805	0.0050	0.05	0	96.1	70	130	0	0		
trans-1,2-Dichloroethene	0.04965	0.0050	0.05	0	99.3	70	130	0	0		
trans-1,3-Dichloropropene	0.05565	0.0050	0.05	0	111	70	130	0	0		
Trichloroethene	0.05019	0.0050	0.05	0	100	70	130	0	0		
Vinyl chloride	0.04062	0.0050	0.05	0	81.2	70	130	0	0		
Sample ID: VLCSD062802-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:				Run ID: VOA-2_020628A			
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260		Analysis Date: 6/28/2002				SeqNo: 74040			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.04922	0.0050	0.05	0	98.4	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.04477	0.0050	0.05	0	89.5	70	130	0	0		
1,1,2-Trichloroethane	0.04563	0.0050	0.05	0	91.3	70	130	0	0		
1,1-Dichloroethane	0.04535	0.0050	0.05	0	90.7	70	130	0	0		
1,1-Dichloroethene	0.04994	0.0050	0.05	0	99.9	70	130	0	0		
1,2-Dichloroethane	0.04803	0.0050	0.05	0	96.1	70	130	0	0		
1,2-Dichloropropane	0.04686	0.0050	0.05	0	93.7	70	130	0	0		
2-Butanone	0.05143	0.010	0.05	0	103	70	130	0	0		
2-Hexanone	0.04981	0.010	0.05	0	99.6	70	130	0	0		
4-Methyl-2-pentanone	0.04553	0.010	0.05	0	91.1	70	130	0	0		
Acetone	0.05068	0.025	0.05	0	101	70	130	0	0		
Benzene	0.04701	0.0050	0.05	0	94	70	130	0	0		
Bromodichloromethane	0.04847	0.0050	0.05	0	96.9	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3797

Sample ID: VLCSD062802-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-2_020628A				
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260		Analysis Date: 6/28/2002			SeqNo: 74040				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	0.05171	0.0050	0.05	0	103	70	130	0	0	0	
Bromomethane	0.038	0.010	0.05	0	76	70	130	0	0	0	
Carbon disulfide	0.05115	0.0050	0.05	0	102	70	130	0	0	0	
Carbon tetrachloride	0.04988	0.0050	0.05	0	99.8	70	130	0	0	0	
Chlorobenzene	0.05134	0.0050	0.05	0	103	70	130	0	0	0	
Chloroethane	0.04954	0.010	0.05	0	99.1	70	130	0	0	0	
Chloroform	0.04713	0.0050	0.05	0	94.3	70	130	0	0	0	
Chloromethane	0.04646	0.010	0.05	0	92.9	70	130	0	0	0	
cis-1,2-Dichloroethene	0.04868	0.0050	0.05	0	97.4	70	130	0	0	0	
cis-1,3-Dichloropropene	0.0491	0.0050	0.05	0	98.2	70	130	0	0	0	
Dibromochloromethane	0.04855	0.0050	0.05	0	97.1	70	130	0	0	0	
Ethylbenzene	0.05152	0.0050	0.05	0	103	70	130	0	0	0	
m,p-Xylene	0.1052	0.0050	0.1	0	105	70	130	0	0	0	
Methylene chloride	0.04676	0.010	0.05	0	93.5	70	130	0	0	0	
o-Xylene	0.05114	0.0050	0.05	0	102	70	130	0	0	0	
Styrene	0.05064	0.0050	0.05	0	101	70	130	0	0	0	
Tetrachloroethene	0.04829	0.0050	0.05	0	96.6	70	130	0	0	0	
Toluene	0.04747	0.0050	0.05	0	94.9	70	130	0	0	0	
trans-1,2-Dichloroethene	0.04896	0.0050	0.05	0	97.9	70	130	0	0	0	
trans-1,3-Dichloropropene	0.05566	0.0050	0.05	0	111	70	130	0	0	0	
Trichloroethene	0.04982	0.0050	0.05	0	99.6	70	130	0	0	0	
Vinyl chloride	0.03994	0.0050	0.05	0	79.9	70	130	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3798

Sample ID: VBLK062702-3	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-3_020627B						
Client ID: ZZZZZ	Batch ID: R3798	TestNo: SW5035/8260		Analysis Date: 6/27/2002	SeqNo: 74065						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.0050									
1,1,2,2-Tetrachloroethane	ND	0.0050									
1,1,2-Trichloroethane	ND	0.0050									
1,1-Dichloroethane	ND	0.0050									
1,1-Dichloroethene	ND	0.0050									
1,2-Dichloroethane	ND	0.0050									
1,2-Dichloropropane	ND	0.0050									
2-Butanone	ND	0.010									
2-Hexanone	ND	0.010									
4-Methyl-2-pentanone	ND	0.010									
Acetone	0.00793	0.025									J
Benzene	ND	0.0050									
Bromodichloromethane	ND	0.0050									
Bromoform	ND	0.0050									
Bromomethane	ND	0.010									
Carbon disulfide	ND	0.0050									
Carbon tetrachloride	ND	0.0050									
Chlorobenzene	ND	0.0050									
Chloroethane	ND	0.010									
Chloroform	ND	0.0050									
Chloromethane	ND	0.010									
cis-1,2-Dichloroethene	ND	0.0050									
cis-1,3-Dichloropropene	ND	0.0050									
Dibromochloromethane	ND	0.0050									
Ethylbenzene	ND	0.0050									
m,p-Xylene	ND	0.0050									
Methylene chloride	ND	0.010									
o-Xylene	ND	0.0050									
Styrene	ND	0.0050									
Tetrachloroethene	ND	0.0050									
Toluene	ND	0.0050									

Qualifiers: ND - Not Detected at the Reporting Limit

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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3798

Sample ID: VBLK062702-3	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-3_020627B				
Client ID: ZZZZZ	Batch ID: R3798	TestNo: SW5035/8260		Analysis Date: 6/27/2002			SeqNo: 74065				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0050									
trans-1,3-Dichloropropene	ND	0.0050									
Trichloroethene	ND	0.0050									
Vinyl chloride	ND	0.0050									
Sample ID: VLCSD062702-3	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-3_020627B				
Client ID: ZZZZZ	Batch ID: R3798	TestNo: SW5035/8260		Analysis Date: 6/27/2002			SeqNo: 74067				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.04546	0.0050	0.05	0	90.9	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.04319	0.0050	0.05	0	86.4	70	130	0	0		
1,1,2-Trichloroethane	0.04548	0.0050	0.05	0	91	70	130	0	0		
1,1-Dichloroethane	0.04582	0.0050	0.05	0	91.6	70	130	0	0		
1,1-Dichloroethene	0.05484	0.0050	0.05	0	110	70	130	0	0		
1,2-Dichloroethane	0.04316	0.0050	0.05	0	86.3	70	130	0	0		
1,2-Dichloropropane	0.04956	0.0050	0.05	0	99.1	70	130	0	0		
2-Butanone	0.05337	0.010	0.05	0	107	70	130	0	0		
2-Hexanone	0.04838	0.010	0.05	0	96.8	70	130	0	0		
4-Methyl-2-pentanone	0.04837	0.010	0.05	0	96.7	70	130	0	0		
Acetone	0.0812	0.025	0.05	0.00793	147	70	130	0	0		S
Benzene	0.04784	0.0050	0.05	0	95.7	70	130	0	0		
Bromodichloromethane	0.04467	0.0050	0.05	0	89.3	70	130	0	0		
Bromoform	0.04281	0.0050	0.05	0	85.6	70	130	0	0		
Bromomethane	0.03217	0.010	0.05	0	64.3	70	130	0	0		S
Carbon disulfide	0.05524	0.0050	0.05	0	110	70	130	0	0		
Carbon tetrachloride	0.04259	0.0050	0.05	0	85.2	70	130	0	0		
Chlorobenzene	0.0469	0.0050	0.05	0	93.8	70	130	0	0		
Chloroethane	0.05904	0.010	0.05	0	118	70	130	0	0		
Chloroform	0.04673	0.0050	0.05	0	93.5	70	130	0	0		
Chloromethane	0.04058	0.010	0.05	0	81.2	70	130	0	0		
cis-1,2-Dichloroethene	0.05085	0.0050	0.05	0	102	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

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R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3798

Sample ID: VLCSD062702-3	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-3_020627B				
Client ID: ZZZZZ	Batch ID: R3798	TestNo: SW5035/8260		Analysis Date: 6/27/2002			SeqNo: 74067				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	0.04728	0.0050	0.05	0	94.6	70	130	0	0		
Dibromochloromethane	0.04362	0.0050	0.05	0	87.2	70	130	0	0		
Ethylbenzene	0.04817	0.0050	0.05	0	96.3	70	130	0	0		
m,p-Xylene	0.09445	0.0050	0.1	0	94.4	70	130	0	0		
Methylene chloride	0.04999	0.010	0.05	0	100	70	130	0	0		
o-Xylene	0.04639	0.0050	0.05	0	92.8	70	130	0	0		
Styrene	0.04624	0.0050	0.05	0	92.5	70	130	0	0		
Tetrachloroethene	0.04779	0.0050	0.05	0	95.6	70	130	0	0		
Toluene	0.04788	0.0050	0.05	0	95.8	70	130	0	0		
trans-1,2-Dichloroethene	0.05211	0.0050	0.05	0	104	70	130	0	0		
trans-1,3-Dichloropropene	0.04824	0.0050	0.05	0	96.5	70	130	0	0		
Trichloroethene	0.04501	0.0050	0.05	0	90	70	130	0	0		
Vinyl chloride	0.04642	0.0050	0.05	0	92.8	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3112

Sample ID: TCNMBS2 062102	SampType: MBLK	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/21/2002	Run ID: LACHAT_020626C						
Client ID: ZZZZZ	Batch ID: 3112	TestNo: SW9012A		Analysis Date: 6/26/2002	SeqNo: 72949						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND	0.25									
Sample ID: TCNLCSS2 062102	SampType: LCS	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/21/2002	Run ID: LACHAT_020626C						
Client ID: ZZZZZ	Batch ID: 3112	TestNo: SW9012A		Analysis Date: 6/26/2002	SeqNo: 72950						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	13.39	0.25	12.5	0	107	90	110	0	0	0	
Sample ID: TCNLCSDS2 062102	SampType: LCSD	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/21/2002	Run ID: LACHAT_020626C						
Client ID: ZZZZZ	Batch ID: 3112	TestNo: SW9012A		Analysis Date: 6/26/2002	SeqNo: 72951						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	13.4	0.25	12.5	0	107	90	110	13.39	0.0355	20	
Sample ID: 0206134-001BMS	SampType: MS	TestCode: cn_Ts	Units: mg/Kg-dry	Prep Date: 6/21/2002	Run ID: LACHAT_020626C						
Client ID: ZZZZZ	Batch ID: 3112	TestNo: SW9012A		Analysis Date: 6/26/2002	SeqNo: 72953						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	13.01	0.31	15.26	0	85.3	75	125	0	0	0	
Sample ID: 0206134-001BMSD	SampType: MSD	TestCode: cn_Ts	Units: mg/Kg-dry	Prep Date: 6/21/2002	Run ID: LACHAT_020626C						
Client ID: ZZZZZ	Batch ID: 3112	TestNo: SW9012A		Analysis Date: 6/26/2002	SeqNo: 72954						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	12.95	0.31	15.26	0	84.8	75	125	13.01	0.497	20	

Qualifiers:
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank
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CLIENT: Burns & McDonnell
Work Order: 0206148
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3118

Sample ID: TCNMBS1 062402		SampType: MBLK	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/24/2002		Run ID: LACHAT_020626E				
Client ID:	zzzzz	Batch ID:	3118	TestNo: SW9012A	Analysis Date: 6/26/2002		SeqNo: 73134				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	ND		0.25								
Sample ID: TCNLCSS1 062402		SampType: LCS	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/24/2002		Run ID: LACHAT_020626E				
Client ID:	zzzzz	Batch ID:	3118	TestNo: SW9012A	Analysis Date: 6/26/2002		SeqNo: 73135				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	13.58	0.25	12.5	0	109	90	110	0	0		
Sample ID: TCNLCSDS1 062402		SampType: LCSD	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/24/2002		Run ID: LACHAT_020626E				
Client ID:	zzzzz	Batch ID:	3118	TestNo: SW9012A	Analysis Date: 6/26/2002		SeqNo: 73136				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	13.49	0.25	12.5	0	108	90	110	13.58	0.641	20	
Sample ID: 0206134-011BMS		SampType: MS	TestCode: cn_Ts	Units: mg/Kg-dry	Prep Date: 6/24/2002		Run ID: LACHAT_020626E				
Client ID:	zzzzz	Batch ID:	3118	TestNo: SW9012A	Analysis Date: 6/26/2002		SeqNo: 73138				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	13.51	0.30	14.81	0	91.2	75	125	0	0		
Sample ID: 0206134-011BMSD		SampType: MSD	TestCode: cn_Ts	Units: mg/Kg-dry	Prep Date: 6/24/2002		Run ID: LACHAT_020626E				
Client ID:	zzzzz	Batch ID:	3118	TestNo: SW9012A	Analysis Date: 6/26/2002		SeqNo: 73139				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide	13.62	0.30	14.95	0	91.1	75	125	13.51	0.793	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank



Request for Chemical Analysis and Chain of Custody Record

Page 1 of 2

Burns & McDonnell Engineering 2601 W. 22nd St Oak Brook, Illinois 60523 Phone: (630) 990-0300 Fax: (630) 990-0301 Attention: Margaret Kelley			Laboratory: STAT Analysis						Document Control No: HAS-006					
			Address: 2201 W. Campbell Park Dr						Lab. Reference No. or Episode No.: 0206148					
			City/State/Zip: Chicago IL 60612											
			Telephone: 312-733-0551											
Project Number: 29168									Sample Type					
Site Name: Hawthorne Parcel 2									Matrix					
Group or SWMU Name	Sample Point	Sample Designator	Sample Event		Sample Depth (in feet)		Sample Collected		Liquid	Solid	Gas	Number of Containers	Parameter/Method Code	Remarks
			Round	Year	From	To	Date	Time						
HAS	SP16	002			7'	8'	6/18/02	5:05pm	✓			4	TCL VDCS PAH PCBs E.P. Metals	001
HAS	SP17	001			9'	2'	6/18/02	5:45pm	✓			4	TCL VDCS PAH PCBs E.P. Metals	002
HAS	SP18	001			2'	3'	6/18/02	6:05pm	✓			4	TCL VDCS PAH PCBs E.P. Metals	003
HAS	SP18	002			8'	9'	6/18/02	6:20pm	✓			4	TCL VDCS PAH PCBs E.P. Metals	004
HAS	SP19	001			1'	3'	6/19/02	8am	✓			6	TCL VDCS PAH PCBs E.P. Metals	005
HAS	SP19	002			5'	6'	6/19/02	8:20	✓			4	TCL VDCS PAH PCBs E.P. Metals	006
HAS	SP19	001			0.5'	1.5'	6/19/02	8:35am	✓			4	TCL VDCS PAH PCBs E.P. Metals	007
HAS	SP20	002			3'	4'	6/19/02	8:40am	✓			4	TCL VDCS PAH PCBs E.P. Metals	008
HAS	SP20	003			9'	10'	6/19/02	8:45am	✓			4	TCL VDCS PAH PCBs E.P. Metals	009
HAS	SP21B	001			2'	3'	6/19/02	9:45am	✓			4	TCL VDCS PAH PCBs E.P. Metals	010
HAS	SP22B	001			2'	3'	6/19/02	10:10am	✓			4	TCL VDCS PAH PCBs E.P. Metals	011
HAS	SP22B	002			7'	8'	6/19/02	10:30am	✓			4	TCL VDCS PAH PCBs E.P. Metals	012
HAS	SP23	001			1'	2'	6/19/02	11am	✓			4	TCL VDCS PAH PCBs E.P. Metals	013
HAS	SP23	002			9'	10'	6/19/02	11:20am	✓			4	TCL VDCS PAH PCBs E.P. Metals	014
HAS	SP24	001			9'	10'	6/19/02	11:45am	✓			4	TCL VDCS PAH PCBs E.P. Metals	015
Sampler (signature): Christy Barry			Sampler (signature):			Custody Seal Number:			Special Instructions:					
									5 day turn around					
Relinquished By (signature): 1. Kathi Hohen			Date/Time 6/19/02 4:15	Received By (signature): SAC George			Date/Time 6/19/02 4:15	Ice Present in Container: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			Temperature Upon Receipt: 3°C			
Relinquished By (signature): 2. S.A. O'Donnell			Date/Time 6/19/02 5:00	Received By (signature): [Signature]			Date/Time 6/19/02 18:30	Laboratory Comments:						



Request for Chemical Analysis and Chain of Custody Record

page 2 of 2

Burns & McDonnell Engineering 2601 W. 22nd St Oak Brook, Illinois 60523 Phone: (630) 990-0300 Fax: (630) 990-0301		Laboratory: STAT Analysis Address: 2601 W. Campbell Park Dr. City/State/Zip: Chicago IL 60612 Telephone: 312-733-0551				Document Control No: HAS-006 Lab. Reference No. or Episode No: 0206149								
Attention: Margaret Kelley						Number of Containers	Parameter/Method Code							
Project Number: 29168														
Site Name: Hawthorne Park 2						Matrix	Remarks							
Group or SWMU Name	Sample Point	Sample Designator	Sample Event		Sample Depth (in feet)			Sample Collected						
			Round	Year	From	To	Date	Time	Liquid	Solid	Gas			
HAS	SP25	001			1'	2'	6/19/02 1:05		✓		4	✓ / / ✓ / / / / / /	D16	
HAS	SP25	002			6'	7'	6/19/02 1:20		✓		4	✓ / / / / / / / / /	017	
HAS	SP26	001			2'	3'	6/19/02 1:35		✓		4	✓ / / / / / / / / /	018	
HAS	SP26	002			4'	5'	6/19/02 1:50		✓		4	✓ / / / / / / / / /	019	
HAS	SP27	001			2'	3'	6/19/02 2:10		✓		4	✓ / / / / / / / / /	020	
HAS	SP27	002			4'	8'	6/19/02 2:30		✓		4	✓ / / / / / / / / /	021	
HAS	SP28	001			1'	2'	6/19/02 2:45		✓		4	✓ / / / / / / / / /	022	
HAS	SP28	002			12'	13'	6/19/02 3:15		✓		4	✓ / / / / / / / / /	023	
HAS	SP16	003	301 CBB		8'	10'	6/19/02 5:15pm		✓	1			✓	024
Sampler (signature): <i>Christy Barry</i>		Sampler (signature):		Custody Seal Number		Special Instructions: <i>5 day turn around</i>								
Relinquished By (signature): 1. <i>Kathy J. Hohen</i>		Date/Time 6/19/02 9:15	Received By (signature): <i>SAC Gomez</i>	Date/Time 6/19/02 4:15		Ice Present in Container: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Upon Receipt: 3						
Relinquished By (signature): 2. <i>SM Doder</i>		Date/Time 6/19/02 5:00	Received By (signature): <i>[Signature]</i>	Date/Time 6/19/02 18:30		Laboratory Comments:								

STAT Analysis Corporation

2201 West Campbell Park Drive Chicago, IL 60612-3547 312.733.0551 Fax:312.733.2386
e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

July 11, 2002

Margaret Kelley
Burns & McDonnell
2601 W. 22nd Street
OakBrook, IL 60523-1229
Telephone: (630) 990-0300
Fax: (630) 990-0301

RE: 29168, Hawthorne Parcel 2

STAT Project No: 0206160

Dear Margaret Kelley:

STAT Analysis received 13 samples for the referenced project on 6/20/2002. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except where noted in the Case Narrative.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla

Project Manager

Client: Burns & McDonnell
Project: 29168, Hawthorne Parcel 2
Lab Order: 0206160

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0206160-001A	HAS SP29 001	2'-3'	6/20/2002 8:15:00 AM	6/20/2002
0206160-001B	HAS SP29 001	2'-3'	6/20/2002 8:15:00 AM	6/20/2002
0206160-002A	HAS SP29 002	9'-10'	6/20/2002 8:30:00 AM	6/20/2002
0206160-002B	HAS SP29 002	9'-10'	6/20/2002 8:30:00 AM	6/20/2002
0206160-003A	HAS SP30 001	1'-2'	6/20/2002 8:50:00 AM	6/20/2002
0206160-003B	HAS SP30 001	1'-2'	6/20/2002 8:50:00 AM	6/20/2002
0206160-004A	HAS SP30 002	8'-9'	6/20/2002 9:10:00 AM	6/20/2002
0206160-004B	HAS SP30 002	8'-9'	6/20/2002 9:10:00 AM	6/20/2002
0206160-005A	HAS SP30 003	12'-13'	6/20/2002 9:25:00 AM	6/20/2002
0206160-005B	HAS SP30 003	12'-13'	6/20/2002 9:25:00 AM	6/20/2002
0206160-006A	HAS SP31 001	1'-2'	6/20/2002 9:45:00 AM	6/20/2002
0206160-006B	HAS SP31 001	1'-2'	6/20/2002 9:45:00 AM	6/20/2002
0206160-007A	HAS SP31 002	7.5'-8.5'	6/20/2002 10:15:00 AM	6/20/2002
0206160-007B	HAS SP31 002	7.5'-8.5'	6/20/2002 10:15:00 AM	6/20/2002
0206160-008A	HAS SP32 001	2'-3'	6/20/2002 10:30:00 AM	6/20/2002
0206160-008B	HAS SP32 001	2'-3'	6/20/2002 10:30:00 AM	6/20/2002
0206160-009A	HAS SP32 002	9'-10'	6/20/2002 10:50:00 AM	6/20/2002
0206160-009B	HAS SP32 002	9'-10'	6/20/2002 10:50:00 AM	6/20/2002
0206160-010A	HAS SP33 001	2'-3'	6/20/2002 11:10:00 AM	6/20/2002
0206160-010B	HAS SP33 001	2'-3'	6/20/2002 11:10:00 AM	6/20/2002
0206160-011A	HAS SP33 002	7'-8'	6/20/2002 11:25:00 AM	6/20/2002
0206160-011B	HAS SP33 002	7'-8'	6/20/2002 11:25:00 AM	6/20/2002
0206160-012A	HAS SP34 001	1'-2'	6/20/2002 11:45:00 AM	6/20/2002
0206160-012B	HAS SP34 001	1'-2'	6/20/2002 11:45:00 AM	6/20/2002
0206160-013A	HAS SP34 002	6'-7'	6/20/2002 12:00:00 PM	6/20/2002
0206160-013B	HAS SP34 002	6'-7'	6/20/2002 12:00:00 PM	6/20/2002

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
 Lab Order: 0206160
 Project: 29168, Hawthorne Parcel 2
 Lab ID: 0206160-001

Client Sample ID: HAS SP29 001
 Collection Date: 6/20/2002 8:15:00 AM
 Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.093		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.093		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.093		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.093		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.093		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.19		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.19		mg/Kg-dry	1	7/2/2002
Mercury	SW7471A					
Mercury	0.95	0.15		mg/Kg-dry	5	6/27/2002
Metals by ICP/MS	SW6020					
Antimony	1.6 \ddagger	1.2		mg/Kg-dry	10	6/28/2002
Arsenic	13	0.59		mg/Kg-dry	10	6/28/2002
Beryllium	0.87	0.59		mg/Kg-dry	10	6/28/2002
Cadmium	0.67	0.59		mg/Kg-dry	10	6/28/2002
Chromium	19	1.2		mg/Kg-dry	10	6/28/2002
Copper	77 \ddagger	1.2		mg/Kg-dry	10	6/28/2002
Lead	300 \ddagger	0.59		mg/Kg-dry	10	6/29/2002
Nickel	26 \ddagger	1.2		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.2		mg/Kg-dry	10	6/28/2002
Silver	ND	1.2		mg/Kg-dry	10	6/28/2002
Thallium	ND	1.2		mg/Kg-dry	10	6/29/2002
Zinc	250	5.9		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	0.06	0.031		mg/Kg-dry	1	7/2/2002
Acenaphthylene	0.11	0.031		mg/Kg-dry	1	7/2/2002
Anthracene	0.19	0.031		mg/Kg-dry	1	7/2/2002
Benz(a)anthracene	0.9	0.31		mg/Kg-dry	10	7/2/2002
Benzo(b)fluoranthene	0.66	0.31		mg/Kg-dry	10	7/2/2002
Benzo(k)fluoranthene	0.54	0.31		mg/Kg-dry	10	7/2/2002
Benzo(g,h,i)perylene	0.33	0.31		mg/Kg-dry	10	7/2/2002
Benzo(a)pyrene	0.72	0.31		mg/Kg-dry	10	7/2/2002
Chrysene	0.76	0.31		mg/Kg-dry	10	7/2/2002
Dibenz(a,h)anthracene	0.11	0.031		mg/Kg-dry	1	7/2/2002
Fluoranthene	1.4	0.31		mg/Kg-dry	10	7/2/2002
Fluorene	0.13	0.031		mg/Kg-dry	1	7/2/2002
Indeno(1,2,3-cd)pyrene	0.31	0.31		mg/Kg-dry	10	7/2/2002
Naphthalene	3.8	0.31		mg/Kg-dry	10	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

\ddagger = estimated value; poor MS/MSD recovery. \ddagger at

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-001

Client Sample ID: HAS SP29 001**Collection Date:** 6/20/2002 8:15:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		Prep Date: 6/29/2002
Phenanthrene	0.93	0.31		mg/Kg-dry	10	7/2/2002
Pyrene	1.6	0.31		mg/Kg-dry	10	7/2/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		Prep Date: 6/29/2002
Bis(2-chloroethoxy)methane	ND	0.4		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.4		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Carbazole	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/2/2002
Dibenzofuran	ND	0.4		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	0.81		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.4		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	2		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	2		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.31		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.31		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.4		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	0.65	0.4		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	2		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-001

Client Sample ID: HAS SP29 001
Collection Date: 6/20/2002 8:15:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/2002		Analyst: JF
3-Nitroaniline	ND	2		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	2		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	2		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	2		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.4		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.4		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.4		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	2		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.4		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	0.81		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.4		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Acetone	ND	0.04		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.0079		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.016		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.016		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.0079		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.0079		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.016		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.0079		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.0079		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.0079		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.0079		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.0079		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.0079		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.016		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.016		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell

Client Sample ID: HAS SP29 001

Lab Order: 0206160

Collection Date: 6/20/2002 8:15:00 AM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0206160-001

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Methylene chloride	ND	0.016		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.0079		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.0079		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Cyanide, Total	SW9012A			Prep Date: 6/25/2002		Analyst: YZ
Cyanide	0.85	0.31		mg/Kg-dry	1	6/28/2002
Percent Moisture	D2216			Prep Date: 6/27/2002		Analyst: AS
Percent Moisture	18.42	0.01		wt%	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-002

Client Sample ID: HAS SP29 002

Collection Date: 6/20/2002 8:30:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082			Prep Date: 6/30/2002		Analyst: JF
Aroclor 1016	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.22		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.22		mg/Kg-dry	1	7/2/2002
Mercury	SW7471A			Prep Date: 6/26/2002		Analyst: DRJ
Mercury	0.22	0.034		mg/Kg-dry	1	6/27/2002
Metals by ICP/MS	SW6020			Prep Date: 6/26/2002		Analyst: DRJ
Antimony	1.4	1.3		mg/Kg-dry	10	6/28/2002
Arsenic	8.9	0.66		mg/Kg-dry	10	6/28/2002
Beryllium	0.93	0.66		mg/Kg-dry	10	6/28/2002
Cadmium	1.2	0.66		mg/Kg-dry	10	6/28/2002
Chromium	18	1.3		mg/Kg-dry	10	6/28/2002
Copper	32	1.3		mg/Kg-dry	10	6/28/2002
Lead	170	0.66		mg/Kg-dry	10	6/29/2002
Nickel	30	1.3		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.3		mg/Kg-dry	10	6/28/2002
Silver	ND	1.3		mg/Kg-dry	10	6/28/2002
Thallium	ND	1.3		mg/Kg-dry	10	6/29/2002
Zinc	170	1.3		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)			Prep Date: 6/29/2002		Analyst: VS
Acenaphthene	0.089	0.034		mg/Kg-dry	1	7/2/2002
Acenaphthylene	0.14	0.034		mg/Kg-dry	1	7/2/2002
Anthracene	0.27	0.034		mg/Kg-dry	1	7/2/2002
Benz(a)anthracene	1	0.34		mg/Kg-dry	10	7/2/2002
Benzo(b)fluoranthene	0.75	0.34		mg/Kg-dry	10	7/2/2002
Benzo(k)fluoranthene	0.52	0.34		mg/Kg-dry	10	7/2/2002
Benzo(g,h,i)perylene	0.43	0.34		mg/Kg-dry	10	7/2/2002
Benzo(a)pyrene	0.89	0.34		mg/Kg-dry	10	7/2/2002
Chrysene	0.95	0.34		mg/Kg-dry	10	7/2/2002
Dibenz(a,h)anthracene	0.14	0.034		mg/Kg-dry	1	7/2/2002
Fluoranthene	1.7	0.34		mg/Kg-dry	10	7/2/2002
Fluorene	0.19	0.034		mg/Kg-dry	1	7/2/2002
Indeno(1,2,3-cd)pyrene	0.4	0.34		mg/Kg-dry	10	7/2/2002
Naphthalene	4	3.4		mg/Kg-dry	100	7/1/2002

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J=estimated value; poor MS/MSD recovery. JAK

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-002

Client Sample ID: HAS SP29 002**Collection Date:** 6/20/2002 8:30:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
Phenanthrene	1.1	0.34		mg/Kg-dry	10	7/2/2002
Pyrene	1.8	0.34		mg/Kg-dry	10	7/2/2002
Semivolatile Organic Compounds by GC/MS						
Bis(2-chloroethoxy)methane	ND	0.44		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.44		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.44		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.44		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.44		mg/Kg-dry	1	7/2/2002
Carbazole	ND	0.44		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	0.44		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.44		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.44		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.44		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.44		mg/Kg-dry	1	7/2/2002
Dibenzofuran	ND	0.44		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	0.44		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.44		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	0.44		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	0.89		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.44		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.44		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.44		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.44		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.44		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	2.2		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	2.2		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.34		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.44		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.44		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.44		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.44		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.44		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.44		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	0.77	0.44		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	0.44		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.44		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	2.2		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-002

Client Sample ID: HAS SP29 002
Collection Date: 6/20/2002 8:30:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
3-Nitroaniline	ND	2.2		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	2.2		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.44		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	2.2		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	2.2		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.44		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.44		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.44		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	2.2		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.44		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.44		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	0.89		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.44		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS						
Acetone	ND	0.049		mg/Kg-dry	1	6/28/2002
Benzene	0.91	0.34		mg/Kg-dry	50	6/28/2002
Bromodichloromethane	ND	0.0097		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.0097		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.019		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.019		mg/Kg-dry	1	6/28/2002
Carbon disulfide	0.011	0.0097		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.0097		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.0097		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.019		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.0097		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.0097		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.0097		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.0097		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.0097		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.0097		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.0097		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.0097		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.0097		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.0097		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.0097		mg/Kg-dry	1	6/28/2002
Ethylbenzene	1.5	0.34		mg/Kg-dry	50	6/28/2002
2-Hexanone	ND	0.019		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.019		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell

Client Sample ID: HAS SP29 002

Lab Order: 0206160

Collection Date: 6/20/2002 8:30:00 AM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0206160-002

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Methylene chloride	ND	0.019		mg/Kg-dry	1	6/28/2002
Styrene	0.01	0.0097		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.0097		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.0097		mg/Kg-dry	1	6/28/2002
Toluene	0.017	0.0097		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	ND	0.0097		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.0097		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.0097		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.0097		mg/Kg-dry	1	6/28/2002
m,p-Xylene	0.019	0.0097		mg/Kg-dry	1	6/28/2002
o-Xylene	0.52	0.34		mg/Kg-dry	50	6/28/2002
Cyanide, Total	SW9012A			Prep Date: 6/25/2002		Analyst: YZ
Cyanide	ND	0.34		mg/Kg-dry	1	6/28/2002
Percent Moisture	D2216			Prep Date: 6/27/2002		Analyst: AS
Percent Moisture	27.89	0.01		wt%	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-003

Client Sample ID: HAS SP30 001

Collection Date: 6/20/2002 8:50:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.086		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.086		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.086		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.086		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.086		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.17		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.17		mg/Kg-dry	1	7/2/2002
Mercury	SW7471A					
Mercury	0.074	0.027		mg/Kg-dry	1	6/27/2002
Metals by ICP/MS	SW6020					
Antimony	ND	VJ	1	mg/Kg-dry	10	6/28/2002
Arsenic	3.4	0.52		mg/Kg-dry	10	6/28/2002
Beryllium	ND	0.52		mg/Kg-dry	10	6/28/2002
Cadmium	ND	0.52		mg/Kg-dry	10	6/28/2002
Chromium	9.4	1		mg/Kg-dry	10	6/28/2002
Copper	11 J	1		mg/Kg-dry	10	6/28/2002
Lead	28 J	0.52		mg/Kg-dry	10	6/29/2002
Nickel	11 J	1		mg/Kg-dry	10	6/28/2002
Selenium	ND	1		mg/Kg-dry	10	6/28/2002
Silver	ND	1		mg/Kg-dry	10	6/28/2002
Thallium	ND	1		mg/Kg-dry	10	6/29/2002
Zinc	32	5.2		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	ND	0.027		mg/Kg-dry	1	7/2/2002
Acenaphthylene	ND	0.027		mg/Kg-dry	1	7/2/2002
Anthracene	0.13	0.027		mg/Kg-dry	1	7/2/2002
Benz(a)anthracene	0.4	0.27		mg/Kg-dry	10	7/1/2002
Benzo(b)fluoranthene	0.34	0.27		mg/Kg-dry	10	7/1/2002
Benzo(k)fluoranthene	0.3	0.27		mg/Kg-dry	10	7/1/2002
Benzo(g,h,i)perylene	0.083	0.027		mg/Kg-dry	1	7/2/2002
Benzo(a)pyrene	0.38	0.27		mg/Kg-dry	10	7/1/2002
Chrysene	0.38	0.27		mg/Kg-dry	10	7/1/2002
Dibenz(a,h)anthracene	0.034	0.027		mg/Kg-dry	1	7/2/2002
Fluoranthene	0.76	0.27		mg/Kg-dry	10	7/1/2002
Fluorene	0.029	0.027		mg/Kg-dry	1	7/2/2002
Indeno(1,2,3-cd)pyrene	0.094	0.027		mg/Kg-dry	1	7/2/2002
Naphthalene	ND	0.027		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value, poor MS/MSD recovery. JAK

J=ndn-detect

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-003

Client Sample ID: HAS SP30 001

Collection Date: 6/20/2002 8:50:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
Phenanthrene	0.41	0.27		mg/Kg-dry	10	7/1/2002
Pyrene	0.68	0.27		mg/Kg-dry	10	7/1/2002
Semivolatile Organic Compounds by GC/MS						
Bis(2-chloroethoxy)methane	ND	0.36		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.36		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.36		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.36		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.36		mg/Kg-dry	1	7/2/2002
Carbazole	ND	0.36		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	0.36		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.36		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.36		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.36		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.36		mg/Kg-dry	1	7/2/2002
Dibenzofuran	ND	0.36		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	0.36		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.36		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	0.36		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	0.72		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.36		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.36		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.36		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.36		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.36		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	1.7		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	1.7		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.27		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.27		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.36		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.36		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.36		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.36		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.36		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.36		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	ND	0.36		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	0.36		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.36		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	1.7		mg/Kg-dry	1	7/2/2002

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-003

Client Sample ID: HAS SP30 001
Collection Date: 6/20/2002 8:50:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/2002		Analyst: JF
3-Nitroaniline	ND	1.7		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	1.7		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.36		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	1.7		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	1.7		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.36		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.36		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.36		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	1.7		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.36		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.36		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	0.72		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.36		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Acetone	ND	0.051		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.01		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.01		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.01		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.021		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.021		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.01		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.01		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.01		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.021		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.01		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.01		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.01		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.01		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.01		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.01		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.01		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.01		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.01		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.01		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.01		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.01		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.021		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell

Client Sample ID: HAS SP30 001

Lab Order: 0206160

Collection Date: 6/20/2002 8:50:00 AM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0206160-003

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Methylene chloride	ND	0.021		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.01		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.01		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.01		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.01		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	ND	0.01		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.01		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.01		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.01		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.01		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.01		mg/Kg-dry	1	6/28/2002
Cyanide, Total	SW9012A			Prep Date: 6/25/2002		Analyst: YZ
Cyanide	ND	0.27		mg/Kg-dry	1	6/28/2002
Percent Moisture	D2216			Prep Date: 6/27/2002		Analyst: AS
Percent Moisture	9.75	0.01		wt%	1	6/28/2002

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-004

Client Sample ID: HAS SP30 002

Collection Date: 6/20/2002 9:10:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.09		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.09		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.09		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.09		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.09		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.18		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.18		mg/Kg-dry	1	7/2/2002
Mercury	SW7471A					
Mercury	ND	0.029		mg/Kg-dry	1	6/27/2002
Metals by ICP/MS	SW6020					
Antimony	ND	1.1	J	mg/Kg-dry	10	6/28/2002
Arsenic	10	0.56		mg/Kg-dry	10	6/28/2002
Beryllium	0.77	0.56		mg/Kg-dry	10	6/28/2002
Cadmium	ND	0.56		mg/Kg-dry	10	6/28/2002
Chromium	20	1.1		mg/Kg-dry	10	6/28/2002
Copper	24	1.1	J	mg/Kg-dry	10	6/28/2002
Lead	15	0.56		mg/Kg-dry	10	6/29/2002
Nickel	33	1.1		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.1		mg/Kg-dry	10	6/28/2002
Silver	ND	1.1		mg/Kg-dry	10	6/28/2002
Thallium	ND	1.1		mg/Kg-dry	10	6/29/2002
Zinc	41	5.6	J	mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	ND	0.028		mg/Kg-dry	1	7/1/2002
Acenaphthylene	ND	0.028		mg/Kg-dry	1	7/1/2002
Anthracene	ND	0.028		mg/Kg-dry	1	7/1/2002
Benz(a)anthracene	ND	0.028		mg/Kg-dry	1	7/1/2002
Benzo(b)fluoranthene	ND	0.028		mg/Kg-dry	1	7/1/2002
Benzo(k)fluoranthene	ND	0.028		mg/Kg-dry	1	7/1/2002
Benzo(g,h,i)perylene	ND	0.028		mg/Kg-dry	1	7/1/2002
Benzo(a)pyrene	ND	0.028		mg/Kg-dry	1	7/1/2002
Chrysene	ND	0.028		mg/Kg-dry	1	7/1/2002
Dibenz(a,h)anthracene	ND	0.028		mg/Kg-dry	1	7/1/2002
Fluoranthene	ND	0.028		mg/Kg-dry	1	7/1/2002
Fluorene	ND	0.028		mg/Kg-dry	1	7/1/2002
Indeno(1,2,3-cd)pyrene	ND	0.028		mg/Kg-dry	1	7/1/2002
Naphthalene	1.1	0.28		mg/Kg-dry	10	7/2/2002

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J = estimated value, poor MS/MSD recovery. JAK

U = non-detect

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell

Client Sample ID: HAS SP30 002

Lab Order: 0206160

Collection Date: 6/20/2002 9:10:00 AM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0206160-004

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	ND	0.028		mg/Kg-dry	1	7/1/2002
Pyrene	ND	0.028		mg/Kg-dry	1	7/1/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.37		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.37		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.37		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
Carbazole	ND	0.37		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.37		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.37		mg/Kg-dry	1	7/2/2002
Dibenzofuran	ND	0.37		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	0.74		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.37		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.37		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	1.8		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	1.8		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.28		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.28		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.37		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.37		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.37		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	0.37		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-004

Client Sample ID: HAS SP30 002
Collection Date: 6/20/2002 9:10:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/2002		Analyst: JF
3-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	1.8		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	1.8		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.37		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.37		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.37		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	1.8		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.37		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	0.74		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.37		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Acetone	ND	0.038		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.0075		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.0075		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.0075		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.015		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.015		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.0075		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.0075		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.0075		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.015		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.0075		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.0075		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.0075		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.0075		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.0075		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.0075		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.0075		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.0075		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.0075		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.0075		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.0075		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.0075		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.015		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.015		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-004

Client Sample ID: HAS SP30 002**Collection Date:** 6/20/2002 9:10:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Methylene chloride	ND	0.015		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.0075		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.0075		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.0075		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.0075		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	ND	0.0075		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.0075		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.0075		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.0075		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.0075		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.0075		mg/Kg-dry	1	6/28/2002
Cyanide, Total	SW9012A			Prep Date: 6/25/2002		Analyst: YZ
Cyanide	ND	0.29		mg/Kg-dry	1	6/28/2002
Percent Moisture	D2216			Prep Date: 6/27/2002		Analyst: AS
Percent Moisture	15.36	0.01		wt%	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-005

Client Sample ID: HAS SP30 003
Collection Date: 6/20/2002 9:25:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.091		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.091		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.091		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.091		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.091		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.18		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.18		mg/Kg-dry	1	7/2/2002
Mercury	SW7471A					
Mercury	0.029	0.028		mg/Kg-dry	1	6/27/2002
Metals by ICP/MS	SW6020					
Antimony	ND	VJ	1.1	mg/Kg-dry	10	6/28/2002
Arsenic	6.8	0.57		mg/Kg-dry	10	6/28/2002
Beryllium	0.77	0.57		mg/Kg-dry	10	6/28/2002
Cadmium	ND	0.57		mg/Kg-dry	10	6/28/2002
Chromium	19	1.1		mg/Kg-dry	10	6/28/2002
Copper	28	J	1.1	mg/Kg-dry	10	6/28/2002
Lead	17	0.57		mg/Kg-dry	10	6/29/2002
Nickel	32	1.1		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.1		mg/Kg-dry	10	6/28/2002
Silver	ND	1.1		mg/Kg-dry	10	6/28/2002
Thallium	ND	1.1		mg/Kg-dry	10	6/29/2002
Zinc	43	J	5.7	mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	ND	0.029		mg/Kg-dry	1	7/1/2002
Acenaphthylene	ND	0.029		mg/Kg-dry	1	7/1/2002
Anthracene	ND	0.029		mg/Kg-dry	1	7/1/2002
Benz(a)anthracene	ND	0.029		mg/Kg-dry	1	7/1/2002
Benzo(b)fluoranthene	ND	0.029		mg/Kg-dry	1	7/1/2002
Benzo(k)fluoranthene	ND	0.029		mg/Kg-dry	1	7/1/2002
Benzo(g,h,i)perylene	ND	0.029		mg/Kg-dry	1	7/1/2002
Benzo(a)pyrene	ND	0.029		mg/Kg-dry	1	7/1/2002
Chrysene	ND	0.029		mg/Kg-dry	1	7/1/2002
Dibenz(a,h)anthracene	ND	0.029		mg/Kg-dry	1	7/1/2002
Fluoranthene	ND	0.029		mg/Kg-dry	1	7/1/2002
Fluorene	ND	0.029		mg/Kg-dry	1	7/1/2002
Indeno(1,2,3-cd)pyrene	ND	0.029		mg/Kg-dry	1	7/1/2002
Naphthalene	ND	0.029		mg/Kg-dry	1	7/1/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

J = estimated value, poor MS/MSD recovery. JAK
U = non-detected

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-005

Client Sample ID: HAS SP30 003**Collection Date:** 6/20/2002 9:25:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons						
Phenanthrene	ND	0.029		mg/Kg-dry	1	7/1/2002
Pyrene	ND	0.029		mg/Kg-dry	1	7/1/2002
Semivolatile Organic Compounds by GC/MS						
Bis(2-chloroethoxy)methane	ND	0.38		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.38		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.38		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/2002
Carbazole	ND	0.38		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	0.38		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.38		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.38		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.38		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.38		mg/Kg-dry	1	7/2/2002
Dibenzofuran	ND	0.38		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	0.76		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.38		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.38		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	1.8		mg/Kg-dry	1	7/2/2002
2,4-Dinitropheno	ND	1.8		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.29		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.38		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.38		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.38		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.38		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.38		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	ND	0.38		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	0.38		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.38		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-005

Client Sample ID: HAS SP30 003
Collection Date: 6/20/2002 9:25:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/2002		Analyst: JF
3-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.38		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	1.8		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	1.8		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.38		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.38		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.38		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	1.8		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.38		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.38		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	0.76		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.38		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Acetone	ND	0.058		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.012		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.012		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.012		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.023		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.023		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.012		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.012		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.012		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.023		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.012		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.012		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.012		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.012		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.012		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.012		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.012		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.012		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.012		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.012		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.012		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.012		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.023		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.023		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit
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* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-005

Client Sample ID: HAS SP30 003**Collection Date:** 6/20/2002 9:25:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	0.023		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.012		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.012		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.012		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.012		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	ND	0.012		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.012		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.012		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.012		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.012		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.012		mg/Kg-dry	1	6/28/2002
Cyanide, Total	SW9012A					
Cyanide	ND	0.29		mg/Kg-dry	1	6/28/2002
Percent Moisture	D2216					
Percent Moisture	15.08	0.01		wt%	1	6/28/2002

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-006

Client Sample ID: HAS SP31 001
Collection Date: 6/20/2002 9:45:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.089		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.089		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.089		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.089		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.089		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.18		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.18		mg/Kg-dry	1	7/2/2002
Mercury	SW7471A					
Mercury	0.53	0.027		mg/Kg-dry	1	6/27/2002
Metals by ICP/MS	SW6020					
Antimony	ND	1.1		mg/Kg-dry	10	6/28/2002
Arsenic	9.2	0.55		mg/Kg-dry	10	6/28/2002
Beryllium	0.56	0.55		mg/Kg-dry	10	6/28/2002
Cadmium	ND	0.55		mg/Kg-dry	10	6/28/2002
Chromium	13	1.1		mg/Kg-dry	10	6/28/2002
Copper	49	1.1		mg/Kg-dry	10	6/28/2002
Lead	96	0.55		mg/Kg-dry	10	6/29/2002
Nickel	24	1.1		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.1		mg/Kg-dry	10	6/28/2002
Silver	ND	1.1		mg/Kg-dry	10	6/28/2002
Thallium	ND	1.1		mg/Kg-dry	10	6/29/2002
Zinc	79	5.5		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	0.12	0.028		mg/Kg-dry	1	7/2/2002
Acenaphthylene	0.21	0.028		mg/Kg-dry	1	7/2/2002
Anthracene	0.95	0.28		mg/Kg-dry	10	7/2/2002
Benz(a)anthracene	2.6	0.28		mg/Kg-dry	10	7/2/2002
Benzo(b)fluoranthene	1.9	0.28		mg/Kg-dry	10	7/2/2002
Benzo(k)fluoranthene	2.1	0.28		mg/Kg-dry	10	7/2/2002
Benzo(g,h,i)perylene	1.8	0.28		mg/Kg-dry	10	7/2/2002
Benzo(a)pyrene	3.2	0.28		mg/Kg-dry	10	7/2/2002
Chrysene	2.7	0.28		mg/Kg-dry	10	7/2/2002
Dibenz(a,h)anthracene	0.65	0.28		mg/Kg-dry	10	7/2/2002
Fluoranthene	4.3	2.8		mg/Kg-dry	100	7/1/2002
Fluorene	0.16	0.028		mg/Kg-dry	1	7/2/2002
Indeno(1,2,3-cd)pyrene	1.7	0.28		mg/Kg-dry	10	7/2/2002
Naphthalene	0.18	0.028		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value, poor NS/MSD recovery. JAK
U = non-detect.

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-006

Client Sample ID: HAS SP31 001**Collection Date:** 6/20/2002 9:45:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	3.6	0.28		mg/Kg-dry	10	7/2/2002
Pyrene	5.1	2.8		mg/Kg-dry	100	7/1/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.37		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.37		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.37		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
Carbazole	ND	0.37		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	0.37		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.37		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.37		mg/Kg-dry	1	7/2/2002
Dibenzofuran	ND	0.37		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	0.74		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.37		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.37		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	1.8		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	1.8		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.28		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.28		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.37		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.37		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.37		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.37		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	0.37		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/2002

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
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 E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-006

Client Sample ID: HAS SP31 001
Collection Date: 6/20/2002 9:45:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/2002		Analyst: JF
3-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	1.8		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	1.8		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	1.8		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.37		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.37		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.37		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	1.8		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.37		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.37		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	0.74		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.37		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Acetone	ND	0.069		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.014		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.014		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.014		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.028		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.028		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.014		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.014		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.014		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.028		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.014		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.014		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.014		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.014		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.014		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.014		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.014		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.014		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.014		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.014		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.014		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.014		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.028		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.028		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell

Client Sample ID: HAS SP31 001

Lab Order: 0206160

Collection Date: 6/20/2002 9:45:00 AM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0206160-006

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Methylene chloride	ND	0.028		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.014		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.014		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.014		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.014		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	ND	0.014		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.014		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.014		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.014		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.014		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.014		mg/Kg-dry	1	6/28/2002
Cyanide, Total	SW9012A			Prep Date: 6/25/2002		Analyst: YZ
Cyanide	ND	0.28		mg/Kg-dry	1	6/28/2002
Percent Moisture	D2216			Prep Date: 6/27/2002		Analyst: AS
Percent Moisture	13.03	0.01		wt%	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
 Lab Order: 0206160
 Project: 29168, Hawthorne Parcel 2
 Lab ID: 0206160-007

Client Sample ID: HAS SP31 002
 Collection Date: 6/20/2002 10:15:00 AM
 Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs				SW8082		
Aroclor 1016	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.22		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.22		mg/Kg-dry	1	7/2/2002
Mercury				SW7471A		
Mercury	0.047	0.03		mg/Kg-dry	1	6/27/2002
Metals by ICP/MS				SW6020		
Antimony	ND	UT	1.2	mg/Kg-dry	10	6/28/2002
Arsenic	16	0.58		mg/Kg-dry	10	6/28/2002
Beryllium	0.86	0.58		mg/Kg-dry	10	6/28/2002
Cadmium	ND	0.58		mg/Kg-dry	10	6/28/2002
Chromium	20	1.2		mg/Kg-dry	10	6/28/2002
Copper	36	J	1.2	mg/Kg-dry	10	6/28/2002
Lead	26	0.58		mg/Kg-dry	10	6/29/2002
Nickel	39	1.2		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.2		mg/Kg-dry	10	6/28/2002
Silver	ND	1.2		mg/Kg-dry	10	6/28/2002
Thallium	ND	1.2		mg/Kg-dry	10	6/29/2002
Zinc	48	J	5.8	mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Acenaphthene	ND	0.031		mg/Kg-dry	1	7/1/2002
Acenaphthylene	ND	0.031		mg/Kg-dry	1	7/1/2002
Anthracene	ND	0.031		mg/Kg-dry	1	7/1/2002
Benz(a)anthracene	0.1	0.031		mg/Kg-dry	1	7/1/2002
Benzo(b)fluoranthene	0.093	0.031		mg/Kg-dry	1	7/1/2002
Benzo(k)fluoranthene	0.086	0.031		mg/Kg-dry	1	7/1/2002
Benzo(g,h,i)perylene	0.07	0.031		mg/Kg-dry	1	7/1/2002
Benzo(a)pyrene	0.12	0.031		mg/Kg-dry	1	7/1/2002
Chrysene	0.099	0.031		mg/Kg-dry	1	7/1/2002
Dibenz(a,h)anthracene	ND	0.031		mg/Kg-dry	1	7/1/2002
Fluoranthene	0.18	0.031		mg/Kg-dry	1	7/1/2002
Fluorene	ND	0.031		mg/Kg-dry	1	7/1/2002
Indeno(1,2,3-cd)pyrene	0.068	0.031		mg/Kg-dry	1	7/1/2002
Naphthalene	0.034	0.031		mg/Kg-dry	1	7/1/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

J = Estimated value, poor MS/MSD recovery. JAK
 U = not detected

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-007

Client Sample ID: HAS SP31 002**Collection Date:** 6/20/2002 10:15:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		Prep Date: 6/29/2002
Phenanthrene	0.055	0.031		mg/Kg-dry	1	7/1/2002
Pyrene	0.18	0.031		mg/Kg-dry	1	7/1/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		Prep Date: 6/29/2002
Bis(2-chloroethoxy)methane	ND	0.41		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.41		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.41		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.41		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.41		mg/Kg-dry	1	7/2/2002
Carbazole	ND	0.41		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	0.41		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.41		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.41		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.41		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.41		mg/Kg-dry	1	7/2/2002
Dibenzofuran	ND	0.41		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	0.41		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.41		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	0.41		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	0.81		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.41		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.41		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.41		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.41		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.41		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	2		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	2		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.31		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.31		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.41		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.41		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.41		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.41		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.41		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.41		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	ND	0.41		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	0.41		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.41		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	2		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-007

Client Sample ID: HAS SP31 002
Collection Date: 6/20/2002 10:15:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/2002		Analyst: JF
3-Nitroaniline	ND	2		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	2		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.41		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	2		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	2		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.41		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.41		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.41		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	2		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.41		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.41		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	0.81		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.41		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Acetone	ND	0.046		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.0092		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.0092		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.0092		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.018		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.018		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.0092		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.0092		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.0092		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.018		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.0092		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.0092		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.0092		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.0092		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.0092		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.0092		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.0092		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.0092		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.0092		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.0092		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.0092		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.0092		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.018		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.018		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-007

Client Sample ID: HAS SP31 002**Collection Date:** 6/20/2002 10:15:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Methylene chloride	ND	0.018		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.0092		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.0092		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.0092		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.0092		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	ND	0.0092		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.0092		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.0092		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.0092		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.0092		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.0092		mg/Kg-dry	1	6/28/2002
Cyanide, Total	SW9012A			Prep Date: 6/25/2002		Analyst: YZ
Cyanide	ND	0.31		mg/Kg-dry	1	6/28/2002
Percent Moisture	D2216			Prep Date: 6/27/2002		Analyst: AS
Percent Moisture	19.25	0.01		wt%	1	6/28/2002

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-008

Client Sample ID: HAS SP32 001

Collection Date: 6/20/2002 10:30:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs			SW8082		Prep Date: 6/30/2002	Analyst: JF
Aroclor 1016	ND	0.085		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.085		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.085		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.085		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.085		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.17		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.17		mg/Kg-dry	1	7/2/2002
Mercury			SW7471A		Prep Date: 6/26/2002	Analyst: DRJ
Mercury	0.43	0.026		mg/Kg-dry	1	6/27/2002
Metals by ICP/MS			SW6020		Prep Date: 6/26/2002	Analyst: DRJ
Antimony	ND	UV	1	mg/Kg-dry	10	6/28/2002
Arsenic	2.3	0.5		mg/Kg-dry	10	6/28/2002
Beryllium	ND	0.5		mg/Kg-dry	10	6/28/2002
Cadmium	ND	0.5		mg/Kg-dry	10	6/28/2002
Chromium	6.9	1		mg/Kg-dry	10	6/28/2002
Copper	10	1		mg/Kg-dry	10	6/28/2002
Lead	28	1		mg/Kg-dry	10	6/29/2002
Nickel	5.2	1		mg/Kg-dry	10	6/28/2002
Selenium	ND	1		mg/Kg-dry	10	6/28/2002
Silver	ND	1		mg/Kg-dry	10	6/28/2002
Thallium	ND	1		mg/Kg-dry	10	6/29/2002
Zinc	36	5		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons			SW8270(SIM)		Prep Date: 6/29/2002	Analyst: VS
Acenaphthene	0.054	0.027		mg/Kg-dry	1	7/2/2002
Acenaphthylene	ND	0.027		mg/Kg-dry	1	7/2/2002
Anthracene	0.11	0.027		mg/Kg-dry	1	7/2/2002
Benz(a)anthracene	2.4	0.27		mg/Kg-dry	10	7/2/2002
Benzo(b)fluoranthene	5.3	2.7		mg/Kg-dry	100	7/1/2002
Benzo(k)fluoranthene	3.7	2.7		mg/Kg-dry	100	7/1/2002
Benzo(g,h,i)perylene	4	2.7		mg/Kg-dry	100	7/1/2002
Benzo(a)pyrene	4.6	2.7		mg/Kg-dry	100	7/1/2002
Chrysene	3.4	0.27		mg/Kg-dry	10	7/2/2002
Dibenz(a,h)anthracene	1.5	0.27		mg/Kg-dry	10	7/2/2002
Fluoranthene	1.6	0.27		mg/Kg-dry	10	7/2/2002
Fluorene	0.043	0.027		mg/Kg-dry	1	7/2/2002
Indeno(1,2,3-cd)pyrene	3.5	0.27		mg/Kg-dry	10	7/2/2002
Naphthalene	0.14	0.027		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

J = estimated value, poor MS/MSD recovery. JAK
U = non-detect.

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-008

Client Sample ID: HAS SP32 001**Collection Date:** 6/20/2002 10:30:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons			SW8270(SIM)		Prep Date: 6/29/2002	Analyst: VS
Phenanthrene	0.51	0.27		mg/Kg-dry	10	7/2/2002
Pyrene	1.8	0.27		mg/Kg-dry	10	7/2/2002
Semivolatile Organic Compounds by GC/MS			SW8270C		Prep Date: 6/29/2002	Analyst: JF
Bis(2-chloroethoxy)methane	ND	0.35		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.35		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.35		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.35		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.35		mg/Kg-dry	1	7/2/2002
Carbazole	ND	0.35		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	0.35		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.35		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.35		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.35		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.35		mg/Kg-dry	1	7/2/2002
Dibenzofuran	ND	0.35		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	0.35		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.35		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	0.7		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.35		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.35		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.35		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.35		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.35		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	1.7		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	1.7		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.27		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.27		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.35		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.35		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.35		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.35		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.35		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.35		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	ND	0.35		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	0.35		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.35		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	1.7		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
 Lab Order: 0206160
 Project: 29168, Hawthorne Parcel 2
 Lab ID: 0206160-008

Client Sample ID: HAS SP32 001
 Collection Date: 6/20/2002 10:30:00 AM
 Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/2002		Analyst: JF
3-Nitroaniline	ND	1.7		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	1.7		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.35		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	1.7		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	1.7		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.35		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.35		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.35		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	1.7		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.35		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.35		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	0.7		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.35		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Acetone	ND	0.052		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.01		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.01		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.01		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.021		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.021		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.01		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.01		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.01		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.021		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.01		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.01		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.01		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.01		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.01		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.01		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.01		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.01		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.01		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.01		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.01		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.01		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.021		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.021		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit
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 E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-008

Client Sample ID: HAS SP32 001**Collection Date:** 6/20/2002 10:30:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Methylene chloride	ND	0.021		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.01		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.01		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.01		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.01		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	ND	0.01		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.01		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.01		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.01		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.01		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.01		mg/Kg-dry	1	6/28/2002
Cyanide, Total	SW9012A			Prep Date: 6/25/2002		Analyst: YZ
Cyanide	ND	0.27		mg/Kg-dry	1	6/28/2002
Percent Moisture	D2216			Prep Date: 6/27/2002		Analyst: AS
Percent Moisture	6.89	0.01		wt%	1	6/28/2002

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 E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-009

Client Sample ID: HAS SP32 002
Collection Date: 6/20/2002 10:50:00 AM
Matrix: Soil

Lab ID:	6200100-009	Analyses	Result	Limit Qual	Units	DF	Date Analyzed
PCBs		SW8082			Prep Date: 6/30/2002		Analyst: JF
Aroclor 1016		ND	0.13	mg/Kg-dry	1		7/2/2002
Aroclor 1221		ND	0.13	mg/Kg-dry	1		7/2/2002
Aroclor 1232		ND	0.13	mg/Kg-dry	1		7/2/2002
Aroclor 1242		ND	0.13	mg/Kg-dry	1		7/2/2002
Aroclor 1248		ND	0.13	mg/Kg-dry	1		7/2/2002
Aroclor 1254		ND	0.25	mg/Kg-dry	1		7/2/2002
Aroclor 1260		ND	0.25	mg/Kg-dry	1		7/2/2002
Mercury		SW7471A			Prep Date: 6/26/2002		Analyst: DRJ
Mercury		0.21	0.036	mg/Kg-dry	1		6/27/2002
Metals by ICP/MS		SW6020			Prep Date: 6/26/2002		Analyst: DRJ
Antimony		3.6	1.5	mg/Kg-dry	10		6/28/2002
Arsenic		14	0.73	mg/Kg-dry	10		6/28/2002
Beryllium		2.5	0.73	mg/Kg-dry	10		6/28/2002
Cadmium		1.4	0.73	mg/Kg-dry	10		6/28/2002
Chromium		220	7.3	mg/Kg-dry	50		6/29/2002
Copper		59	7.3	mg/Kg-dry	50		6/29/2002
Lead		210	0.73	mg/Kg-dry	10		6/29/2002
Nickel		110	7.3	mg/Kg-dry	50		6/29/2002
Selenium		ND	1.5	mg/Kg-dry	10		6/28/2002
Silver		ND	1.5	mg/Kg-dry	10		6/28/2002
Thallium		ND	1.5	mg/Kg-dry	10		6/29/2002
Zinc		110	37	mg/Kg-dry	50		6/29/2002
Polynuclear Aromatic Hydrocarbons		SW8270(SIM)			Prep Date: 6/29/2002		Analyst: VS
Acenaphthene		8.2	3.9	mg/Kg-dry	100		7/2/2002
Acenaphthylene		2.6	0.39	mg/Kg-dry	10		7/2/2002
Anthracene		22	3.9	mg/Kg-dry	100		7/2/2002
Benz(a)anthracene		23	3.9	mg/Kg-dry	100		7/2/2002
Benzo(b)fluoranthene		11	3.9	mg/Kg-dry	100		7/2/2002
Benzo(k)fluoranthene		6.9	3.9	mg/Kg-dry	100		7/2/2002
Benzo(g,h,i)perylene		4.2	3.9	mg/Kg-dry	100		7/2/2002
Benzo(a)pyrene		12	3.9	mg/Kg-dry	100		7/2/2002
Chrysene		18	3.9	mg/Kg-dry	100		7/2/2002
Dibenz(a,h)anthracene		2.2	0.39	mg/Kg-dry	10		7/2/2002
Fluoranthene		52	3.9	mg/Kg-dry	100		7/2/2002
Fluorene		21	3.9	mg/Kg-dry	100		7/2/2002
Indeno(1,2,3-cd)pyrene		4	3.9	mg/Kg-dry	100		7/2/2002
Naphthalene		7.1	3.9	mg/Kg-dry	100		7/2/2002

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J=estimated value; poor MS/MSD recovery. JAK * - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-009

Client Sample ID: HAS SP32 002

Collection Date: 6/20/2002 10:50:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		Prep Date: 6/29/2002
Phenanthrene	82	39		mg/Kg-dry	1000	7/5/2002
Pyrene	37	3.9		mg/Kg-dry	100	7/2/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		Prep Date: 6/29/2002
Bis(2-chloroethoxy)methane	ND	0.52		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.52		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.52		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.52		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.52		mg/Kg-dry	1	7/2/2002
Carbazole	25	5.2		mg/Kg-dry	10	7/3/2002
4-Chloro-3-methylphenol	ND	0.52		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.52		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.52		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.52		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.52		mg/Kg-dry	1	7/2/2002
Dibenzofuran	20	5.2		mg/Kg-dry	10	7/3/2002
1,2-Dichlorobenzene	ND	0.52		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.52		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	0.52		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	1		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.52		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.52		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.52		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.52		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.52		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	2.5		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	2.5		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.39		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.39		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.52		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.52		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.52		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.52		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.52		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.52		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	12	5.2		mg/Kg-dry	10	7/3/2002
2-Methylphenol	ND	0.52		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.52		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	2.5		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-009

Client Sample ID: HAS SP32 002
Collection Date: 6/20/2002 10:50:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS						
3-Nitroaniline	ND	2.5		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	2.5		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.52		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	2.5		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	2.5		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.52		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.52		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.52		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	2.5		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.52		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.52		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	1		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.52		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS						
Acetone	ND	0.068		mg/Kg-dry	1	6/29/2002
Benzene	2.8	0.32		mg/Kg-dry	50	6/29/2002
Bromodichloromethane	ND	0.014		mg/Kg-dry	1	6/29/2002
Bromoform	ND	0.014		mg/Kg-dry	1	6/29/2002
Bromomethane	ND	0.027		mg/Kg-dry	1	6/29/2002
2-Butanone	ND	0.027		mg/Kg-dry	1	6/29/2002
Carbon disulfide	ND	0.014		mg/Kg-dry	1	6/29/2002
Carbon tetrachloride	ND	0.014		mg/Kg-dry	1	6/29/2002
Chlorobenzene	ND	0.014		mg/Kg-dry	1	6/29/2002
Chloroethane	ND	0.027		mg/Kg-dry	1	6/29/2002
Chloroform	ND	0.014		mg/Kg-dry	1	6/29/2002
Chloromethane	ND	0.014		mg/Kg-dry	1	6/29/2002
Dibromochloromethane	ND	0.014		mg/Kg-dry	1	6/29/2002
1,1-Dichloroethane	ND	0.014		mg/Kg-dry	1	6/29/2002
1,2-Dichloroethane	ND	0.014		mg/Kg-dry	1	6/29/2002
1,1-Dichloroethene	ND	0.014		mg/Kg-dry	1	6/29/2002
cis-1,2-Dichloroethene	ND	0.014		mg/Kg-dry	1	6/29/2002
trans-1,2-Dichloroethene	ND	0.014		mg/Kg-dry	1	6/29/2002
1,2-Dichloropropane	ND	0.014		mg/Kg-dry	1	6/29/2002
cis-1,3-Dichloropropene	ND	0.014		mg/Kg-dry	1	6/29/2002
trans-1,3-Dichloropropene	ND	0.014		mg/Kg-dry	1	6/29/2002
Ethylbenzene	1.3	0.32		mg/Kg-dry	50	6/29/2002
2-Hexanone	ND	0.027		mg/Kg-dry	1	6/29/2002
4-Methyl-2-pentanone	ND	0.027		mg/Kg-dry	1	6/29/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-009

Client Sample ID: HAS SP32 002**Collection Date:** 6/20/2002 10:50:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Methylene chloride	ND	0.027		mg/Kg-dry	1	6/29/2002
Styrene	ND	0.014		mg/Kg-dry	1	6/29/2002
1,1,2,2-Tetrachloroethane	ND	0.014		mg/Kg-dry	1	6/29/2002
Tetrachloroethene	ND	0.014		mg/Kg-dry	1	6/29/2002
Toluene	0.095	0.014		mg/Kg-dry	1	6/29/2002
1,1,1-Trichloroethane	ND	0.014		mg/Kg-dry	1	6/29/2002
1,1,2-Trichloroethane	ND	0.014		mg/Kg-dry	1	6/29/2002
Trichloroethene	ND	0.014		mg/Kg-dry	1	6/29/2002
Vinyl chloride	ND	0.014		mg/Kg-dry	1	6/29/2002
m,p-Xylene	0.024	0.014		mg/Kg-dry	1	6/29/2002
o-Xylene	ND	0.014		mg/Kg-dry	1	6/29/2002
Cyanide, Total	SW9012A			Prep Date: 6/25/2002		Analyst: YZ
Cyanide	3.8	0.4		mg/Kg-dry	1	6/28/2002
Percent Moisture	D2216			Prep Date: 6/27/2002		Analyst: AS
Percent Moisture	37.00	0.01		wt%	1	6/28/2002

Qualifiers:
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 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
 Lab Order: 0206160
 Project: 29168, Hawthorne Parcel 2
 Lab ID: 0206160-010

Client Sample ID: HAS SP33 001
 Collection Date: 6/20/2002 11:10:00 AM
 Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs						
Aroclor 1016	ND	0.097		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.097		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.097		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.097		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.097		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.19		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.19		mg/Kg-dry	1	7/2/2002
Mercury						
Mercury	1.3	0.15		mg/Kg-dry	5	6/27/2002
Metals by ICP/MS						
Antimony	4.6 J	1.2		mg/Kg-dry	10	6/28/2002
Arsenic	19	0.58		mg/Kg-dry	10	6/28/2002
Beryllium	2.1	0.58		mg/Kg-dry	10	6/28/2002
Cadmium	1.9	0.58		mg/Kg-dry	10	6/28/2002
Chromium	26	1.2		mg/Kg-dry	10	6/28/2002
Copper	76 J	1.2		mg/Kg-dry	10	6/28/2002
Lead	1600 J	0.58		mg/Kg-dry	10	6/29/2002
Nickel	16 J	1.2		mg/Kg-dry	10	6/28/2002
Selenium	1.4	1.2		mg/Kg-dry	10	6/28/2002
Silver	ND	1.2		mg/Kg-dry	10	6/28/2002
Thallium	ND	1.2		mg/Kg-dry	10	6/29/2002
Zinc	180	5.8		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons						
Acenaphthene	0.035	0.03		mg/Kg-dry	1	7/2/2002
Acenaphthylene	0.11	0.03		mg/Kg-dry	1	7/2/2002
Anthracene	0.16	0.03		mg/Kg-dry	1	7/2/2002
Benz(a)anthracene	0.64	0.3		mg/Kg-dry	10	7/2/2002
Benzo(b)fluoranthene	0.77	0.3		mg/Kg-dry	10	7/2/2002
Benzo(k)fluoranthene	0.49	0.3		mg/Kg-dry	10	7/2/2002
Benzo(g,h,i)perylene	0.36	0.3		mg/Kg-dry	10	7/2/2002
Benzo(a)pyrene	0.64	0.3		mg/Kg-dry	10	7/2/2002
Chrysene	0.73	0.3		mg/Kg-dry	10	7/2/2002
Dibenz(a,h)anthracene	0.11	0.03		mg/Kg-dry	1	7/2/2002
Fluoranthene	1.2	0.3		mg/Kg-dry	10	7/2/2002
Fluorene	0.073	0.03		mg/Kg-dry	1	7/2/2002
Indeno(1,2,3-cd)pyrene	0.34	0.3		mg/Kg-dry	10	7/2/2002
Naphthalene	2.2	0.3		mg/Kg-dry	10	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit
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 R - RPD outside accepted recovery limits
 E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value; poor MS/MSD recovery. JAK

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-010

Client Sample ID: HAS SP33 001

Collection Date: 6/20/2002 11:10:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	1.6	0.3		mg/Kg-dry	10	7/2/2002
Pyrene	1.2	0.3		mg/Kg-dry	10	7/2/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.4		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.4		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Carbazole	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/2/2002
Dibenzofuran	0.49	0.4		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	0.8		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.4		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.4		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	2.8	0.4		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-010

Client Sample ID: HAS SP33 001**Collection Date:** 6/20/2002 11:10:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/2002		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.4		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.4		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.4		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.4		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	0.8		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.4		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Acetone	ND	0.084		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.017		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.017		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.017		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.033		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.033		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.017		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.017		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.017		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.033		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.017		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.017		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.017		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.017		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.017		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.017		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.017		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.017		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.017		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.017		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.017		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.017		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.033		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.033		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-010

Client Sample ID: HAS SP33 001**Collection Date:** 6/20/2002 11:10:00 AM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 6/21/2002		Analyst: PS
Methylene chloride	ND	0.033		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.017		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.017		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.017		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.017		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	0.64	0.017		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.017		mg/Kg-dry	1	6/28/2002
Trichloroethene	0.087	0.017		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.017		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.017		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.017		mg/Kg-dry	1	6/28/2002
Cyanide, Total		SW9012A		Prep Date: 6/25/2002		Analyst: YZ
Cyanide	ND	0.3		mg/Kg-dry	1	6/28/2002
Percent Moisture		D2216		Prep Date: 6/27/2002		Analyst: AS
Percent Moisture	18.65	0.01		wt%	1	6/28/2002

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	* - Value exceeds Maximum Contaminant Level	

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-011

Client Sample ID: HAS SP33 002

Collection Date: 6/20/2002 11:25:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.099		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.099		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.099		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.099		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.099		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.2		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.2		mg/Kg-dry	1	7/2/2002
Mercury	SW7471A					
Mercury	0.14	0.031		mg/Kg-dry	1	6/27/2002
Metals by ICP/MS	SW6020					
Antimony	ND	VJ	1.2	mg/Kg-dry	10	6/28/2002
Arsenic	7.8	0.6		mg/Kg-dry	10	6/28/2002
Beryllium	0.64	0.6		mg/Kg-dry	10	6/28/2002
Cadmium	ND	0.6		mg/Kg-dry	10	6/28/2002
Chromium	16	1.2		mg/Kg-dry	10	6/28/2002
Copper	42	J	1.2	mg/Kg-dry	10	6/28/2002
Lead	250	0.6		mg/Kg-dry	10	6/29/2002
Nickel	26	1.2		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.2		mg/Kg-dry	10	6/28/2002
Silver	ND	1.2		mg/Kg-dry	10	6/28/2002
Thallium	ND	1.2		mg/Kg-dry	10	6/29/2002
Zinc	69	J	6	mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	0.2	0.089		mg/Kg-dry	1	7/2/2002
Acenaphthylene	0.39	0.089		mg/Kg-dry	1	7/2/2002
Anthracene	0.23	0.089		mg/Kg-dry	1	7/2/2002
Benz(a)anthracene	1.1	0.089		mg/Kg-dry	1	7/2/2002
Benzo(b)fluoranthene	0.27	0.089		mg/Kg-dry	1	7/2/2002
Benzo(k)fluoranthene	0.33	0.089		mg/Kg-dry	1	7/2/2002
Benzo(g,h,i)perylene	0.2	0.089		mg/Kg-dry	1	7/2/2002
Benzo(a)pyrene	0.14	0.089		mg/Kg-dry	1	7/2/2002
Chrysene	1.2	0.089		mg/Kg-dry	1	7/2/2002
Dibenz(a,h)anthracene	ND	0.089		mg/Kg-dry	1	7/2/2002
Fluoranthene	1.9	0.89		mg/Kg-dry	10	7/1/2002
Fluorene	0.46	0.089		mg/Kg-dry	1	7/2/2002
Indeno(1,2,3-cd)pyrene	0.21	0.089		mg/Kg-dry	1	7/2/2002
Naphthalene	180	8.9		mg/Kg-dry	100	7/3/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

^{*}- Value exceeds Maximum Contaminant Level
 J = estimated value, poor MS/MSD recovery. JAK
 V = non-detected

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Date Reported: July 11, 2002

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Client: Burns & McDonnell

Client Sample ID: HAS SP33 002

Lab Order: 0206160

Collection Date: 6/20/2002 11:25:00 AM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0206160-011

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	2	0.89		mg/Kg-dry	10	7/1/2002
Pyrene	2.4	0.89		mg/Kg-dry	10	7/1/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	1.2		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	1.2		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	1.2		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	1.2		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	1.2		mg/Kg-dry	1	7/2/2002
Carbazole	ND	1.2		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	1.2		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	1.2		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	1.2		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	1.2		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	1.2		mg/Kg-dry	1	7/2/2002
Dibenzofuran	ND	1.2		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	1.2		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	1.2		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	2.4		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	1.2		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	1.2		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	1.2		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	1.2		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	1.2		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	1.2		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	5.7		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	5.7		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.89		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.89		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	1.2		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	1.2		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	1.2		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	1.2		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	1.2		mg/Kg-dry	1	7/2/2002
Isophorone	ND	1.2		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	17	1.2		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	1.2		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	1.2		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	5.7		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

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Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-011

Client Sample ID: HAS SP33 002

Collection Date: 6/20/2002 11:25:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/2002		Analyst: JF
3-Nitroaniline	ND	5.7		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	5.7		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	1.2		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	5.7		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	5.7		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	1.2		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	1.2		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	1.2		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	5.7		mg/Kg-dry	1	7/2/2002
Phenol	ND	1.2		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	1.2		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	2.4		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	1.2		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Acetone	ND VJ	0.063		mg/Kg-dry	1	6/28/2002
Benzene	4.7	0.47		mg/Kg-dry	50	6/29/2002
Bromodichloromethane	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
Bromoform	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
Bromomethane	ND VJ	0.025		mg/Kg-dry	1	6/28/2002
2-Butanone	0.031 J	0.025		mg/Kg-dry	1	6/28/2002
Carbon disulfide	27	9.4		mg/Kg-dry	1000	6/29/2002
Carbon tetrachloride	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
Chloroethane	ND VJ	0.025		mg/Kg-dry	1	6/28/2002
Chloroform	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
Chloromethane	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	0.03 J	0.013		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND VJ	0.013		mg/Kg-dry	1	6/28/2002
Ethylbenzene	680	47		mg/Kg-dry	5000	6/29/2002
2-Hexanone	ND VJ	0.025		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND VJ	0.025		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J=estimated value, poor surrogate recovery (undiluted results) JAK
V=non-detect

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell

Client Sample ID: HAS SP33 002

Lab Order: 0206160

Collection Date: 6/20/2002 11:25:00 AM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0206160-011

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B					
Methylene chloride	ND	UJ	0.025	mg/Kg-dry	1	6/28/2002
Styrene	0.77		0.47	mg/Kg-dry	50	6/29/2002
1,1,2,2-Tetrachloroethane	ND	UJ	0.013	mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	UJ	0.013	mg/Kg-dry	1	6/28/2002
Toluene	11		0.47	mg/Kg-dry	50	6/29/2002
1,1,1-Trichloroethane	0.041	J	0.013	mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	UJ	0.013	mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	↓	0.013	mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND		0.013	mg/Kg-dry	1	6/28/2002
m,p-Xylene	1800		47	mg/Kg-dry	5000	6/29/2002
o-Xylene.	670		47	mg/Kg-dry	5000	6/29/2002
Cyanide, Total	SW9012A					
Cyanide	1.8		0.31	mg/Kg-dry	1	6/28/2002
Percent Moisture	D2216					
Percent Moisture	19.62		0.01	wt%	1	6/28/2002

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range

J = estimated value, poor surrogate recovery. (undiluted results) JAK
 ND = non-detected * - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-012

Client Sample ID: HAS SP34 001
Collection Date: 6/20/2002 11:45:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs	SW8082					
Aroclor 1016	ND	0.096		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.096		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.096		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.096		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.096		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.19		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.19		mg/Kg-dry	1	7/2/2002
Mercury	SW7471A					
Mercury	1.3	0.29		mg/Kg-dry	10	6/27/2002
Metals by ICP/MS	SW6020					
Antimony	3 J	1.2		mg/Kg-dry	10	6/28/2002
Arsenic	10	0.59		mg/Kg-dry	10	6/28/2002
Beryllium	0.97	0.59		mg/Kg-dry	10	6/28/2002
Cadmium	ND	0.59		mg/Kg-dry	10	6/28/2002
Chromium	15	1.2		mg/Kg-dry	10	6/28/2002
Copper	45 J	1.2		mg/Kg-dry	10	6/28/2002
Lead	330 J	0.59		mg/Kg-dry	10	6/29/2002
Nickel	20 J	1.2		mg/Kg-dry	10	6/28/2002
Selenium	ND	1.2		mg/Kg-dry	10	6/28/2002
Silver	ND	1.2		mg/Kg-dry	10	6/28/2002
Thallium	ND	1.2		mg/Kg-dry	10	6/29/2002
Zinc	150	5.9		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons	SW8270(SIM)					
Acenaphthene	0.31	0.03		mg/Kg-dry	1	7/2/2002
Acenaphthylene	0.3	0.03		mg/Kg-dry	1	7/2/2002
Anthracene	1.7	0.3		mg/Kg-dry	10	7/2/2002
Benz(a)anthracene	5.6	3		mg/Kg-dry	100	7/1/2002
Benzo(b)fluoranthene	3.4	0.3		mg/Kg-dry	10	7/2/2002
Benzo(k)fluoranthene	2.8	0.3		mg/Kg-dry	10	7/2/2002
Benzo(g,h,i)perylene	1.9	0.3		mg/Kg-dry	10	7/2/2002
Benzo(a)pyrene	5.6	3		mg/Kg-dry	100	7/1/2002
Chrysene	4.3	3		mg/Kg-dry	100	7/1/2002
Dibenz(a,h)anthracene	1.1	0.3		mg/Kg-dry	10	7/2/2002
Fluoranthene	7.6	3		mg/Kg-dry	100	7/1/2002
Fluorene	0.44	0.3		mg/Kg-dry	10	7/2/2002
Indeno(1,2,3-cd)pyrene	2.1	0.3		mg/Kg-dry	10	7/2/2002
Naphthalene	0.64	0.3		mg/Kg-dry	10	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J = estimated value, poor MS/MSD recovery. JAK

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Date Reported: July 11, 2002

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Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-012

Client Sample ID: HAS SP34 001**Collection Date:** 6/20/2002 11:45:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	4.9	3		mg/Kg-dry	100	7/1/2002
Pyrene	7	3		mg/Kg-dry	100	7/1/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.4		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.4		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Carbazole	1.4	0.4		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.4		mg/Kg-dry	1	7/2/2002
Dibenzofuran	0.68	0.4		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	0.79		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.4		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	1.9		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	1.9		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.3		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.4		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.4		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	0.62	0.4		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-012

Client Sample ID: HAS SP34 001

Collection Date: 6/20/2002 11:45:00 AM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/2002		Analyst: JF
3-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	1.9		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	1.9		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.4		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.4		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.4		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	1.9		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.4		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.4		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	0.79		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.4		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Acetone	ND	0.039		mg/Kg-dry	1	6/28/2002
Benzene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Bromodichloromethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
Bromoform	ND	0.0079		mg/Kg-dry	1	6/28/2002
Bromomethane	ND	0.016		mg/Kg-dry	1	6/28/2002
2-Butanone	ND	0.016		mg/Kg-dry	1	6/28/2002
Carbon disulfide	ND	0.0079		mg/Kg-dry	1	6/28/2002
Carbon tetrachloride	ND	0.0079		mg/Kg-dry	1	6/28/2002
Chlorobenzene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Chloroethane	ND	0.016		mg/Kg-dry	1	6/28/2002
Chloroform	ND	0.0079		mg/Kg-dry	1	6/28/2002
Chloromethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
Dibromochloromethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,2-Dichloroethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,1-Dichloroethene	ND	0.0079		mg/Kg-dry	1	6/28/2002
cis-1,2-Dichloroethene	ND	0.0079		mg/Kg-dry	1	6/28/2002
trans-1,2-Dichloroethene	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,2-Dichloropropane	ND	0.0079		mg/Kg-dry	1	6/28/2002
cis-1,3-Dichloropropene	ND	0.0079		mg/Kg-dry	1	6/28/2002
trans-1,3-Dichloropropene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Ethylbenzene	ND	0.0079		mg/Kg-dry	1	6/28/2002
2-Hexanone	ND	0.016		mg/Kg-dry	1	6/28/2002
4-Methyl-2-pentanone	ND	0.016		mg/Kg-dry	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

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Client: Burns & McDonnell

Client Sample ID: HAS SP34 001

Lab Order: 0206160

Collection Date: 6/20/2002 11:45:00 AM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0206160-012

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 6/21/2002		Analyst: PS
Methylene chloride	ND	0.016		mg/Kg-dry	1	6/28/2002
Styrene	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,1,2,2-Tetrachloroethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
Tetrachloroethene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Toluene	ND	0.0079		mg/Kg-dry	1	6/28/2002
1,1,1-Trichloroethane	0.076	0.0079		mg/Kg-dry	1	6/28/2002
1,1,2-Trichloroethane	ND	0.0079		mg/Kg-dry	1	6/28/2002
Trichloroethene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Vinyl chloride	ND	0.0079		mg/Kg-dry	1	6/28/2002
m,p-Xylene	ND	0.0079		mg/Kg-dry	1	6/28/2002
o-Xylene	ND	0.0079		mg/Kg-dry	1	6/28/2002
Cyanide, Total		SW9012A		Prep Date: 6/25/2002		Analyst: YZ
Cyanide	23	0.31		mg/Kg-dry	1	6/28/2002
Percent Moisture		D2216		Prep Date: 6/27/2002		Analyst: AS
Percent Moisture	18.56	0.01		wt%	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

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B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-013

Client Sample ID: HAS SP34 002

Collection Date: 6/20/2002 12:00:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PCBs				SW8082		
Aroclor 1016	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1221	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1232	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1242	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1248	ND	0.11		mg/Kg-dry	1	7/2/2002
Aroclor 1254	ND	0.23		mg/Kg-dry	1	7/2/2002
Aroclor 1260	ND	0.23		mg/Kg-dry	1	7/2/2002
Mercury				SW7471A		
Mercury	2.2	0.36		mg/Kg-dry	10	6/27/2002
Metals by ICP/MS				SW6020		
Antimony	1.6	1.4		mg/Kg-dry	10	6/28/2002
Arsenic	15	0.68		mg/Kg-dry	10	6/28/2002
Beryllium	ND	0.68		mg/Kg-dry	10	6/28/2002
Cadmium	0.83	0.68		mg/Kg-dry	10	6/28/2002
Chromium	19	1.4		mg/Kg-dry	10	6/28/2002
Copper	210	1.4		mg/Kg-dry	10	6/28/2002
Lead	2200	0.68		mg/Kg-dry	10	6/29/2002
Nickel	21	1.4		mg/Kg-dry	10	6/28/2002
Selenium	1.6	1.4		mg/Kg-dry	10	6/28/2002
Silver	ND	1.4		mg/Kg-dry	10	6/28/2002
Thallium	ND	1.4		mg/Kg-dry	10	6/29/2002
Zinc	320	6.8		mg/Kg-dry	10	6/28/2002
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Acenaphthene	0.44	0.36		mg/Kg-dry	1	7/2/2002
Acenaphthylene	0.28	0.36		mg/Kg-dry	1	7/2/2002
Anthracene	2.3	0.36		mg/Kg-dry	10	7/2/2002
Benz(a)anthracene	6.6	3.6		mg/Kg-dry	100	7/6/2002
Benzo(b)fluoranthene	4.6	3.6		mg/Kg-dry	100	7/6/2002
Benzo(k)fluoranthene	3.2	0.36		mg/Kg-dry	10	7/2/2002
Benzo(g,h,i)perylene	2.4	0.36		mg/Kg-dry	10	7/2/2002
Benzo(a)pyrene	3.6	0.36		mg/Kg-dry	10	7/2/2002
Chrysene	6.5	3.6		mg/Kg-dry	100	7/6/2002
Dibenz(a,h)anthracene	1.1	0.36		mg/Kg-dry	10	7/2/2002
Fluoranthene	9.9	3.6		mg/Kg-dry	100	7/6/2002
Fluorene	0.74	0.36		mg/Kg-dry	10	7/2/2002
Indeno(1,2,3-cd)pyrene	2.7	0.36		mg/Kg-dry	10	7/2/2002
Naphthalene	0.54	0.36		mg/Kg-dry	10	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

J=estimated value; poor MS/MSD recovery. JAK

STAT Analysis Corporation

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
Lab Order: 0206160
Project: 29168, Hawthorne Parcel 2
Lab ID: 0206160-013

Client Sample ID: HAS SP34 002**Collection Date:** 6/20/2002 12:00:00 PM**Matrix:** Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons				SW8270(SIM)		
Phenanthrene	5.2	3.6		mg/Kg-dry	100	7/6/2002
Pyrene	9.6	3.6		mg/Kg-dry	100	7/6/2002
Semivolatile Organic Compounds by GC/MS				SW8270C		
Bis(2-chloroethoxy)methane	ND	0.47		mg/Kg-dry	1	7/2/2002
Bis(2-chloroethyl)ether	ND	0.47		mg/Kg-dry	1	7/2/2002
Bis(2-ethylhexyl)phthalate	ND	0.47		mg/Kg-dry	1	7/2/2002
4-Bromophenyl phenyl ether	ND	0.47		mg/Kg-dry	1	7/2/2002
Butyl benzyl phthalate	ND	0.47		mg/Kg-dry	1	7/2/2002
Carbazole	0.64	0.47		mg/Kg-dry	1	7/2/2002
4-Chloro-3-methylphenol	ND	0.47		mg/Kg-dry	1	7/2/2002
4-Chloroaniline	ND	0.47		mg/Kg-dry	1	7/2/2002
2-Chloronaphthalene	ND	0.47		mg/Kg-dry	1	7/2/2002
2-Chlorophenol	ND	0.47		mg/Kg-dry	1	7/2/2002
4-Chlorophenyl phenyl ether	ND	0.47		mg/Kg-dry	1	7/2/2002
Dibenzofuran	0.7	0.47		mg/Kg-dry	1	7/2/2002
1,2-Dichlorobenzene	ND	0.47		mg/Kg-dry	1	7/2/2002
1,3-Dichlorobenzene	ND	0.47		mg/Kg-dry	1	7/2/2002
1,4-Dichlorobenzene	ND	0.47		mg/Kg-dry	1	7/2/2002
3,3'-Dichlorobenzidine	ND	0.95		mg/Kg-dry	1	7/2/2002
2,4-Dichlorophenol	ND	0.47		mg/Kg-dry	1	7/2/2002
Diethyl phthalate	ND	0.47		mg/Kg-dry	1	7/2/2002
Dimethyl phthalate	ND	0.47		mg/Kg-dry	1	7/2/2002
Di-n-butyl phthalate	ND	0.47		mg/Kg-dry	1	7/2/2002
2,4-Dimethylphenol	ND	0.47		mg/Kg-dry	1	7/2/2002
4,6-Dinitro-2-methylphenol	ND	2.3		mg/Kg-dry	1	7/2/2002
2,4-Dinitrophenol	ND	2.3		mg/Kg-dry	1	7/2/2002
2,4-Dinitrotoluene	ND	0.36		mg/Kg-dry	1	7/2/2002
2,6-Dinitrotoluene	ND	0.36		mg/Kg-dry	1	7/2/2002
Di-n-octyl phthalate	ND	0.47		mg/Kg-dry	1	7/2/2002
Hexachlorobenzene	ND	0.47		mg/Kg-dry	1	7/2/2002
Hexachlorobutadiene	ND	0.47		mg/Kg-dry	1	7/2/2002
Hexachlorocyclopentadiene	ND	0.47		mg/Kg-dry	1	7/2/2002
Hexachloroethane	ND	0.47		mg/Kg-dry	1	7/2/2002
Isophorone	ND	0.47		mg/Kg-dry	1	7/2/2002
2-Methylnaphthalene	ND	0.47		mg/Kg-dry	1	7/2/2002
2-Methylphenol	ND	0.47		mg/Kg-dry	1	7/2/2002
4-Methylphenol	ND	0.47		mg/Kg-dry	1	7/2/2002
2-Nitroaniline	ND	2.3		mg/Kg-dry	1	7/2/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell
 Lab Order: 0206160
 Project: 29168, Hawthorne Parcel 2
 Lab ID: 0206160-013

Client Sample ID: HAS SP34 002
 Collection Date: 6/20/2002 12:00:00 PM
 Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	SW8270C			Prep Date: 6/29/2002		Analyst: JF
3-Nitroaniline	ND	2.3		mg/Kg-dry	1	7/2/2002
4-Nitroaniline	ND	2.3		mg/Kg-dry	1	7/2/2002
Nitrobenzene	ND	0.47		mg/Kg-dry	1	7/2/2002
2-Nitrophenol	ND	2.3		mg/Kg-dry	1	7/2/2002
4-Nitrophenol	ND	2.3		mg/Kg-dry	1	7/2/2002
N-Nitrosodi-n-propylamine	ND	0.47		mg/Kg-dry	1	7/2/2002
N-Nitrosodiphenylamine	ND	0.47		mg/Kg-dry	1	7/2/2002
2, 2'-oxybis(1-Chloropropane)	ND	0.47		mg/Kg-dry	1	7/2/2002
Pentachlorophenol	ND	2.3		mg/Kg-dry	1	7/2/2002
Phenol	ND	0.47		mg/Kg-dry	1	7/2/2002
1,2,4-Trichlorobenzene	ND	0.47		mg/Kg-dry	1	7/2/2002
2,4,5-Trichlorophenol	ND	0.95		mg/Kg-dry	1	7/2/2002
2,4,6-Trichlorophenol	ND	0.47		mg/Kg-dry	1	7/2/2002
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Acetone	0.26	0.081		mg/Kg-dry	1	6/29/2002
Benzene	ND	0.016		mg/Kg-dry	1	6/29/2002
Bromodichloromethane	ND	0.016		mg/Kg-dry	1	6/29/2002
Bromoform	ND	0.016		mg/Kg-dry	1	6/29/2002
Bromomethane	ND	0.032		mg/Kg-dry	1	6/29/2002
2-Butanone	0.14	0.032		mg/Kg-dry	1	6/29/2002
Carbon disulfide	ND	0.016		mg/Kg-dry	1	6/29/2002
Carbon tetrachloride	ND	0.016		mg/Kg-dry	1	6/29/2002
Chlorobenzene	ND	0.016		mg/Kg-dry	1	6/29/2002
Chloroethane	ND	0.032		mg/Kg-dry	1	6/29/2002
Chloroform	ND	0.016		mg/Kg-dry	1	6/29/2002
Chloromethane	ND	0.016		mg/Kg-dry	1	6/29/2002
Dibromochloromethane	ND	0.016		mg/Kg-dry	1	6/29/2002
1,1-Dichloroethane	0.052	0.016		mg/Kg-dry	1	6/29/2002
1,2-Dichloroethane	ND	0.016		mg/Kg-dry	1	6/29/2002
1,1-Dichloroethene	ND	0.016		mg/Kg-dry	1	6/29/2002
cis-1,2-Dichloroethene	ND	0.016		mg/Kg-dry	1	6/29/2002
trans-1,2-Dichloroethene	ND	0.016		mg/Kg-dry	1	6/29/2002
1,2-Dichloropropane	ND	0.016		mg/Kg-dry	1	6/29/2002
cis-1,3-Dichloropropene	ND	0.016		mg/Kg-dry	1	6/29/2002
trans-1,3-Dichloropropene	ND	0.016		mg/Kg-dry	1	6/29/2002
Ethylbenzene	ND	0.016		mg/Kg-dry	1	6/29/2002
2-Hexanone	ND	0.032		mg/Kg-dry	1	6/29/2002
4-Methyl-2-pentanone	ND	0.032		mg/Kg-dry	1	6/29/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

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Date Reported: July 11, 2002

Date Printed: July 11, 2002

Client: Burns & McDonnell

Client Sample ID: HAS SP34 002

Lab Order: 0206160

Collection Date: 6/20/2002 12:00:00 PM

Project: 29168, Hawthorne Parcel 2

Matrix: Soil

Lab ID: 0206160-013

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW5035/8260B			Prep Date: 6/21/2002		Analyst: PS
Methylene chloride	ND	0.032		mg/Kg-dry	1	6/29/2002
Styrene	ND	0.016		mg/Kg-dry	1	6/29/2002
1,1,2,2-Tetrachloroethane	ND	0.016		mg/Kg-dry	1	6/29/2002
Tetrachloroethene	ND	0.016		mg/Kg-dry	1	6/29/2002
Toluene	ND	0.016		mg/Kg-dry	1	6/29/2002
1,1,1-Trichloroethane	ND	0.016		mg/Kg-dry	1	6/29/2002
1,1,2-Trichloroethane	ND	0.016		mg/Kg-dry	1	6/29/2002
Trichloroethene	ND	0.016		mg/Kg-dry	1	6/29/2002
Vinyl chloride	ND	0.016		mg/Kg-dry	1	6/29/2002
m,p-Xylene	0.016	0.016		mg/Kg-dry	1	6/29/2002
o-Xylene	ND	0.016		mg/Kg-dry	1	6/29/2002
Cyanide, Total	SW9012A			Prep Date: 6/25/2002		Analyst: YZ
Cyanide	ND	0.36		mg/Kg-dry	1	6/28/2002
Percent Moisture	D2216			Prep Date: 6/27/2002		Analyst: AS
Percent Moisture	30.75	0.01		wt%	1	6/28/2002

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2
Test No: SW5035/8260B **Matrix:**

QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
VSTD050A	99.7	98.8	102	102				
VBLK062702A-2	107	98.3	100	101				
VLCS062702A-2	97.6	97.5	100	101				
0206134-001AMS	85.6	93.2	108	109				
0206134-001AMSD	92.7	96.8	104	103				
0206134-011AMS	82.1	94.1	106	108				
0206134-011AMSD	75.7	88.8	108	105				
0206160-001A	91.3	94.9	109	104				
0206160-003A	99.9	97.8	103	102				
0206160-004A	107	98.3	103	106				
0206160-005A	86.2	93.1	105	104				
0206160-006A	98.4	96.6	102	106				
0206160-008A	85.5	97.5	106	109				
0206160-007A	95.8	96.0	103	103				
0206160-002A	61.2	94.0	105	115				
0206160-010A	82.3	97.9	108	119				
VSTD050	99.9	97.6	100	101				
VBLK062802-2	105	97.7	102	102				
VLCS062802-2	99.6	97.5	102	101				
VLCSD062802-2	100	96.8	101	101				
0206160-002A:50	91.5	98.7	99.1	99.1				
0206160-012A	87.2	93.2	104	108				
0206160-011A	29.5 *	87.6	107	114				
VSTD050	101	99.2	101	101				
VBLK062902-2	106	96.8	105	106				
VLCS062902-2	99.4	97.2	100	100				
0206160-013A	91.1	95.6	101	99.7				

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	59-113
BZMED8	= Toluene-d8	81-117
DBFM	= Dibromofluoromethane	70-121
DCA12D4	= 1,2-Dichloroethane-d4	70-121

* Surrogate recovery outside acceptance limits

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2
Test No: SW5035/8260B **Matrix:** S

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
0206160-009A	77.2	94.1	102	114				
0206160-009A:50	107	97.3	98.8	99.7				
0206160-011A:1000	95.7	97.0	99.4	104				
0206160-011A:50	71.2	98.1	97.5	99.9				
0206160-011A:5000	104	97.5	96.8	100				
0206127-012AMS	102	98.6	99.4	101				
0206127-012AMSD	102	100	99.3	102				

Acronym	Surrogate	QC Limits
BR4FBZ	= 4-Bromofluorobenzene	59-113
BZMED8	= Toluene-d8	81-117
DBFM	= Dibromofluoromethane	70-121
DCA12D4	= 1,2-Dichloroethane-d4	70-121

* Surrogate recovery outside acceptance limits

CLIENT: Burns & McDonnell

Work Order: 0206160

Project: 29168, Hawthorne Parcel 2

Test No: SW8270C Matrix:

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	CLPH2D4	DCBZ12D4	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14
MB-3176-SVOC	78.8	72.6	89.1	70.7	67.9	81.3	75.5	67.7
LCS-3176-SVOC	71.5	64.4	82.5	64.9	62.5	77.4	66.2	62.4
0206160-004B	75.9	67.3	85.6	71.6	64.4	80.2	70.4	68.7
0206160-005B	85.1	76.6	97.2	75.8	72.4	89.3	79.5	73.3
0206160-007B	76.6	67.7	89.6	81.2	64.5	81.2	76.5	74.7
0206160-001B	63.4	55.4	78.4	65.4	53.1	66.2	62.9	63.0
0206160-002B	70.1	61.4	86.8	69.8	59.0	72.7	67.9	67.2
0206160-003B	79.6	72.3	95.7	76.8	65.7	83.0	76.5	76.6
0206160-006B	83.9	73.4	102	81.4	70.5	89.4	78.6	72.4
0206160-008B	79.0	69.1	92.8	74.9	65.9	82.9	73.8	67.7
0206160-009B	71.1	56.5	77.1	50.1	75.7	87.5	75.9	85.1
0206160-010B	74.3	74.2	97.4	70.7	58.5	70.2	75.5	64.1
0206160-011B	61.9	55.8	91.7	63.7	71.0	80.6	67.2	58.9
0206160-012B	96.4	88.8	120 *	83.6	77.9	96.8	92.3	75.9
0206160-013B	51.4	42.3	59.3	72.3	42.4	56.5	52.9	61.9

Acronym	Surrogate	QC Limits
CLPH2D4	= 2-Chlorophenol-d4	20-130
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PH246BR	= 2,4,6-Tribromophenol	19-122
PH2F	= 2-Fluorophenol	25-121
PHD5	= Phenol-d5	24-113
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

* Surrogate recovery outside acceptance limits

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/29/2002 11:02:19

Prep End Date: 6/30/2002 8:45:10 P

Prep Factor Units:

mL / Kg

Prep Batch 3176 Prep Code: 3550_SVOC Technician: VA

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206127-001B	Soil		0.03151	0	0	1	31.736	6/29/2002	6/30/2002
0206127-002B	Soil		0.03021	0	0	1	33.102	6/29/2002	6/30/2002
0206127-003B	Soil		0.03014	0	0	1	33.179	6/29/2002	6/30/2002
0206127-004B	Soil		0.03011	0	0	1	33.212	6/29/2002	6/30/2002
0206127-004BMS	Soil		0.03049	0	0	1	32.798	6/29/2002	6/30/2002
0206127-004BMSD	Soil		0.03055	0	0	1	32.733	6/29/2002	6/30/2002
0206127-005B	Soil		0.03159	0	0	1	31.656	6/29/2002	6/30/2002
0206127-006B	Soil		0.03118	0	0	10	320.718	6/29/2002	6/30/2002
0206160-001B	Soil		0.03	0	0	1	33.333	6/29/2002	6/30/2002
0206160-002B	Soil		0.03086	0	0	1	32.404	6/29/2002	6/30/2002
0206160-003B	Soil		0.03055	0	0	1	32.733	6/29/2002	6/30/2002
0206160-004B	Soil		0.03168	0	0	1	31.566	6/29/2002	6/30/2002
0206160-005B	Soil		0.03076	0	0	1	32.510	6/29/2002	6/30/2002
0206160-006B	Soil		0.03073	0	0	1	32.541	6/29/2002	6/30/2002
0206160-007B	Soil		0.03019	0	0	1	33.124	6/29/2002	6/30/2002
0206160-008B	Soil		0.03026	0	0	1	33.047	6/29/2002	6/30/2002
0206160-009B	Soil		0.03042	0	0	1	32.873	6/29/2002	6/30/2002
0206160-010B	Soil		0.03043	0	0	1	32.862	6/29/2002	6/30/2002
0206160-011B	Soil		0.03133	0	0	3	95.755	6/29/2002	6/30/2002
0206160-012B	Soil		0.03064	0	0	1	32.637	6/29/2002	6/30/2002
0206160-013B	Soil		0.03017	0	0	1	33.146	6/29/2002	6/30/2002
LCS-3176-SVOC		0.03		0	0	1	33.333	6/29/2002	6/30/2002
MB-3176-SVOC		0.03		0	0	1	33.333	6/29/2002	6/30/2002

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2
Test No: SW8270(SIM) **Matrix:** S

**QC SUMMARY REPORT
SURROGATE RECOVERIES**

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14				
0206160-001B	40.9	75.9	77.4	104				
0206160-002B	59.5	91.5	105	133				
0206160-012B	64.6	102	82.1	79.1				
0206160-009B	21.8	45.0	50.7	54.0				
0206160-004B	45.9	48.2	53.8	76.5				
0206160-006B	48.8	52.8	59.3	78.5				
0206160-003B	45.7	46.7	54.5	78.3				
0206160-011B	48.3	49.7	61.0	87.7				
0206160-010B	54.6	56.5	60.4	78.4				
0206160-008B	56.2	58.1	67.1	88.7				
0206160-013B	31.1	35.3	43.8	81.9				
MB-3177-PNA	69.5	65.7	78.6	104				
LCS-3177-PNA	63.3	61.1	72.7	97.6				
0206160-005B	54.0	56.1	65.1	84.1				
0206160-007B	45.5	48.5	57.3	80.5				
0206160-007BMS	65.5	68.7	74.1	98.8				
0206160-007BMSD	66.5	70.7	74.9	102				

Acronym	Surrogate	QC Limits
DCBZ12D4	= 1,2-Dichlorobenzene-d4	20-130
NO2BZD5	= Nitrobenzene-d5	23-120
PHEN2F	= 2-Fluorobiphenyl	30-115
PHEND14	= 4-Terphenyl-d14	18-137

* Surrogate recovery outside acceptance limits

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/29/2002 11:03:11

Prep End Date: 6/30/2002 8:45:22 P

Prep Factor Units:

mL / Kg

Prep Batch 3177 Prep Code: 3550_PNA Technician: VA

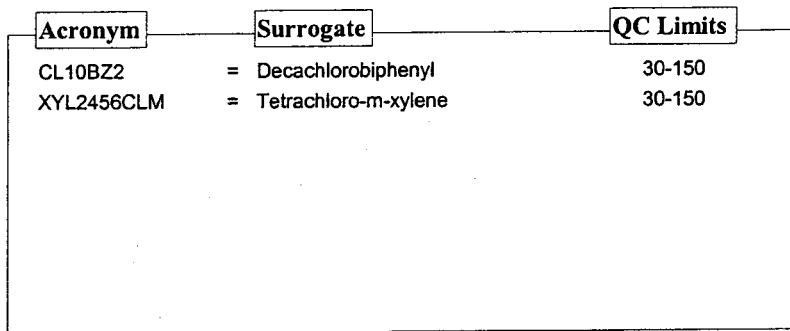
Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206127-001B	Soil		0.03151	0	0	1	31.736	6/29/2002	6/30/2002
0206127-002B	Soil		0.03021	0	0	1	33.102	6/29/2002	6/30/2002
0206127-003B	Soil		0.03014	0	0	1	33.179	6/29/2002	6/30/2002
0206127-004B	Soil		0.03011	0	0	1	33.212	6/29/2002	6/30/2002
0206127-005B	Soil		0.03159	0	0	1	31.656	6/29/2002	6/30/2002
0206127-006B	Soil		0.03118	0	0	10	320.718	6/29/2002	6/30/2002
0206160-001B	Soil		0.03	0	0	1	33.333	6/29/2002	6/30/2002
0206160-002B	Soil		0.03086	0	0	1	32.404	6/29/2002	6/30/2002
0206160-003B	Soil		0.03055	0	0	1	32.733	6/29/2002	6/30/2002
0206160-004B	Soil		0.03168	0	0	1	31.566	6/29/2002	6/30/2002
0206160-005B	Soil		0.03076	0	0	1	32.510	6/29/2002	6/30/2002
0206160-006B	Soil		0.03073	0	0	1	32.541	6/29/2002	6/30/2002
0206160-007B	Soil		0.03019	0	0	1	33.124	6/29/2002	6/30/2002
0206160-007BMS	Soil		0.0306	0	0	1	32.680	6/29/2002	6/30/2002
0206160-007BMSD	Soil		0.03024	0	0	1	33.069	6/29/2002	6/30/2002
0206160-008B	Soil		0.03026	0	0	1	33.047	6/29/2002	6/30/2002
0206160-009B	Soil		0.03042	0	0	1	32.873	6/29/2002	6/30/2002
0206160-010B	Soil		0.03043	0	0	1	32.862	6/29/2002	6/30/2002
0206160-011B	Soil		0.03133	0	0	3	95.755	6/29/2002	6/30/2002
0206160-012B	Soil		0.03064	0	0	1	32.637	6/29/2002	6/30/2002
0206160-013B	Soil		0.03017	0	0	1	33.146	6/29/2002	6/30/2002
LCS-3177-PNA			0.03	0	0	1	33.333	6/29/2002	6/30/2002
MB-3177-PNA			0.03	0	0	1	33.333	6/29/2002	6/30/2002

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2
Test No: SW8082 Matrix:

**QC SUMMARY REPORT
SURROGATE RECOVERIES**

Sample ID CL10BZ2 XYL2456CLM

MB-3179-PCB	87.9	89.9							
LCS-3179-PCB	94.9	90.9							
0206160-001B	107	90.9							
0206160-002B	96.0	78.8							
0206160-003B	94.9	90.9							
0206160-004B	100	97.0							
0206160-005B	98.0	96.0							
0206160-005BMS	91.9	84.8							
0206160-005BMSD	96.0	90.9							
0206160-006B	117	83.8							
0206160-007B	93.9	89.9							
0206160-008B	135	107							
0206160-009B	85.9	64.6							
0206160-010B	100	90.9							
0206160-011B	60.6	61.6							
0206160-012B	102	77.8							
0206160-013B	98.0	81.8							



* Surrogate recovery outside acceptance limits

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/30/2002 5:11:34 P

Prep End Date: 6/30/2002 8:51:15 P

Prep Factor Units:

mL / Kg

Prep Batch 3179 Prep Code: 3550_PCB Technician: PG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206160-001B	Soil		0.03179	0	0	10	314.564	6/30/2002	6/30/2002
0206160-002B	Soil		0.03014	0	0	10	331.785	6/30/2002	6/30/2002
0206160-003B	Soil		0.03099	0	0	10	322.685	6/30/2002	6/30/2002
0206160-004B	Soil		0.03164	0	0	10	316.056	6/30/2002	6/30/2002
0206160-005B	Soil		0.03094	0	0	10	323.206	6/30/2002	6/30/2002
0206160-005BMS	Soil		0.03155	0	0	10	316.957	6/30/2002	6/30/2002
0206160-005BMSD	Soil		0.03176	0	0	10	314.861	6/30/2002	6/30/2002
0206160-006B	Soil		0.03093	0	0	10	323.311	6/30/2002	6/30/2002
0206160-007B	Soil		0.02703	0	0	10	369.959	6/30/2002	6/30/2002
0206160-008B	Soil		0.03033	0	0	10	329.707	6/30/2002	6/30/2002
0206160-009B	Soil		0.03034	0	0	10	329.598	6/30/2002	6/30/2002
0206160-010B	Soil		0.03038	0	0	10	329.164	6/30/2002	6/30/2002
0206160-011B	Soil		0.03018	0	0	10	331.345	6/30/2002	6/30/2002
0206160-012B	Soil		0.03066	0	0	10	326.158	6/30/2002	6/30/2002
0206160-013B	Soil		0.03046	0	0	10	328.299	6/30/2002	6/30/2002
LCS-3179-PCB			0.03	0	0	10	333.333	6/30/2002	6/30/2002
MB-3179-PCB			0.03	0	0	10	333.333	6/30/2002	6/30/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/26/2002 11:40:00

Prep End Date: 6/26/2002 2:30:00 P

Prep Factor Units:

mL / g

Prep Batch	3143	Prep Code:	M_S_PREP	Technician:	ASM	Fin Vol	factor	PrepStart	PrepEnd
Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov				
0206157-001B	Soil		1.08	0	0	50	46.296	6/26/2002	6/26/2002
0206157-002B	Soil		1.034	0	0	50	48.356	6/26/2002	6/26/2002
0206160-001B	Soil		1.033	0	0	50	48.403	6/26/2002	6/26/2002
0206160-002B	Soil		1.051	0	0	50	47.574	6/26/2002	6/26/2002
0206160-003B	Soil		1.067	0	0	50	46.860	6/26/2002	6/26/2002
0206160-004B	Soil		1.06	0	0	50	47.170	6/26/2002	6/26/2002
0206160-005B	Soil		1.038	0	0	50	48.170	6/26/2002	6/26/2002
0206160-006B	Soil		1.051	0	0	50	47.574	6/26/2002	6/26/2002
0206160-007B	Soil		1.07	0	0	50	46.729	6/26/2002	6/26/2002
0206160-007BMS	Soil		1.04	0	0	50	48.077	6/26/2002	6/26/2002
0206160-007BMSD	Soil		1.036	0	0	50	48.263	6/26/2002	6/26/2002
0206160-008B	Soil		1.066	0	0	50	46.904	6/26/2002	6/26/2002
0206160-009B	Soil		1.08	0	0	50	46.296	6/26/2002	6/26/2002
0206160-010B	Soil		1.058	0	0	50	47.259	6/26/2002	6/26/2002
0206160-011B	Soil		1.036	0	0	50	48.263	6/26/2002	6/26/2002
0206160-012B	Soil		1.036	0	0	50	48.263	6/26/2002	6/26/2002
0206160-013B	Soil		1.067	0	0	50	46.860	6/26/2002	6/26/2002
0206170-001B	Soil		1.091	0	0	50	45.830	6/26/2002	6/26/2002
0206170-002B	Soil		1.097	0	0	50	45.579	6/26/2002	6/26/2002
ILCSDS1 06/26/02			1	0	0	50	50.000	6/26/2002	6/26/2002
ILCSS1 06/26/02			1	0	0	50	50.000	6/26/2002	6/26/2002
IMBS1 06/26/02			1	0	0	50	50.000	6/26/2002	6/26/2002
ISLCS1 06/26/02			0.507	0	0	50	98.619	6/26/2002	6/26/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 2

Prep Start Date: 6/26/2002 2:30:00 P

Prep End Date: 6/26/2002 3:00:00 P

Prep Factor Units:

mL / g

Prep Batch 3150 Prep Code: M_HG_S_PRE Technician: JG

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206147-001B	Soil		0.316	0	0	30	94.937	6/26/2002	6/26/2002
0206147-002B	Soil		0.31	0	0	30	96.774	6/26/2002	6/26/2002
0206147-004B	Soil		0.309	0	0	30	97.087	6/26/2002	6/26/2002
0206147-005B	Soil		0.328	0	0	30	91.463	6/26/2002	6/26/2002
0206147-005BMS	Soil		0.325	0	0	30	92.308	6/26/2002	6/26/2002
0206147-005BMSD	Soil		0.322	0	0	30	93.168	6/26/2002	6/26/2002
0206147-007B	Soil		0.329	0	0	30	91.185	6/26/2002	6/26/2002
0206160-001B	Soil		0.3	0	0	30	100.000	6/26/2002	6/26/2002
0206160-002B	Soil		0.31	0	0	30	96.774	6/26/2002	6/26/2002
0206160-003B	Soil		0.309	0	0	30	97.087	6/26/2002	6/26/2002
0206160-003BMS	Soil		0.3	0	0	30	100.000	6/26/2002	6/26/2002
0206160-003BMSD	Soil		0.313	0	0	30	95.847	6/26/2002	6/26/2002
0206160-004B	Soil		0.31	0	0	30	96.774	6/26/2002	6/26/2002
0206160-005B	Soil		0.32	0	0	30	93.750	6/26/2002	6/26/2002
0206160-006B	Soil		0.321	0	0	30	93.458	6/26/2002	6/26/2002
0206160-007B	Soil		0.309	0	0	30	97.087	6/26/2002	6/26/2002
0206160-008B	Soil		0.308	0	0	30	97.403	6/26/2002	6/26/2002
0206160-009B	Soil		0.328	0	0	30	91.463	6/26/2002	6/26/2002
0206160-010B	Soil		0.308	0	0	30	97.403	6/26/2002	6/26/2002
0206160-011B	Soil		0.3	0	0	30	100.000	6/26/2002	6/26/2002
0206160-012B	Soil		0.313	0	0	30	95.847	6/26/2002	6/26/2002
0206160-013B	Soil		0.305	0	0	30	98.361	6/26/2002	6/26/2002
0206170-001B	Soil		0.313	0	0	30	95.847	6/26/2002	6/26/2002
0206170-002B	Soil		0.308	0	0	30	97.403	6/26/2002	6/26/2002
HGLCSDS1		06/26/02	0.3	0	0	30	100.000	6/26/2002	6/26/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 2 of 2

Prep Start Date: 6/26/2002 2:30:00 P

Prep End Date: 6/26/2002 3:00:00 P

Prep Batch 3150 Prep Code: M_HG_S_PRE Technician: JG

Prep Factor Units:
mL / g

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
HGLCSS1	06/26/02		0.3	0	0	30	100.000	6/26/2002	6/26/2002
HGMBS1	06/26/02		0.3	0	0	30	100.000	6/26/2002	6/26/2002
HGSLCS1	06/26/02		0.31	0	0	30	96.774	6/26/2002	6/26/2002

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 6/25/2002 7:00:00 A

Prep End Date: 6/25/2002 1:00:00 P

Prep Factor Units:

mL / g

Prep Batch 3154 Prep Code: TCNPREP_S Technician: CT

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0206139-026B	Soil		1	0	0	50	50.000	6/25/2002	6/25/2002
0206139-026BMS	Soil		1	0	0	50	50.000	6/25/2002	6/25/2002
0206139-026BMSD	Soil		1.01	0	0	50	49.505	6/25/2002	6/25/2002
0206139-027B	Soil		1.01	0	0	50	49.505	6/25/2002	6/25/2002
0206139-028B	Soil		1	0	0	50	50.000	6/25/2002	6/25/2002
0206153-001B	Soil		1	0	0	50	50.000	6/25/2002	6/25/2002
0206157-001B	Soil		1.01	0	0	50	49.505	6/25/2002	6/25/2002
0206157-002B	Soil		1.01	0	0	50	49.505	6/25/2002	6/25/2002
0206160-001B	Soil		1	0	0	50	50.000	6/25/2002	6/25/2002
0206160-002B	Soil		1.01	0	0	50	49.505	6/25/2002	6/25/2002
0206160-003B	Soil		1.01	0	0	50	49.505	6/25/2002	6/25/2002
0206160-004B	Soil		1.01	0	0	50	49.505	6/25/2002	6/25/2002
0206160-005B	Soil		1.01	0	0	50	49.505	6/25/2002	6/25/2002
0206160-006B	Soil		1.01	0	0	50	49.505	6/25/2002	6/25/2002
0206160-007B	Soil		1	0	0	50	50.000	6/25/2002	6/25/2002
0206160-008B	Soil		1	0	0	50	50.000	6/25/2002	6/25/2002
0206160-009B	Soil		1	0	0	50	50.000	6/25/2002	6/25/2002
0206160-010B	Soil		1.01	0	0	50	49.505	6/25/2002	6/25/2002
0206160-011B	Soil		1	0	0	50	50.000	6/25/2002	6/25/2002
0206160-012B	Soil		1	0	0	50	50.000	6/25/2002	6/25/2002
0206160-013B	Soil		1.01	0	0	50	49.505	6/25/2002	6/25/2002
TCNLCSDS2 062502			1	0	0	50	50.000	6/25/2002	6/25/2002
TCNLCSS2 062502			1	0	0	50	50.000	6/25/2002	6/25/2002
TCNMBS2 062502			1	0	0	50	50.000	6/25/2002	6/25/2002

CLIENT: Burns & McDonnell

Work Order: 0206160

Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3179

Sample ID: MB-3179-PCB	SampType: MBLK	TestCode: PCB_SOIL	Units: mg/Kg	Prep Date: 6/30/2002	Run ID: GC-ECD_020701A
Client ID: ZZZZZ	Batch ID: 3179	TestNo: SW8082		Analysis Date: 7/2/2002	SeqNo: 75986
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aroclor 1016	ND	0.080			
Aroclor 1221	ND	0.080			
Aroclor 1232	ND	0.080			
Aroclor 1242	ND	0.080			
Aroclor 1248	ND	0.080			
Aroclor 1254	ND	0.16			
Aroclor 1260	ND	0.16			
Sample ID: LCS-3179-PCB	SampType: LCS	TestCode: PCB_SOIL	Units: mg/Kg	Prep Date: 6/30/2002	Run ID: GC-ECD_020701A
Client ID: ZZZZZ	Batch ID: 3179	TestNo: SW8082		Analysis Date: 7/2/2002	SeqNo: 75987
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aroclor 1016	0.3021	0.080	0.333	0	90.7 30 150 0 0
Aroclor 1260	0.307	0.16	0.333	0	92.2 30 150 0 0
Sample ID: 0206160-005BMS	SampType: MS	TestCode: PCB_SOIL	Units: mg/Kg-dry	Prep Date: 6/30/2002	Run ID: GC-ECD_020701A
Client ID: HAS SP30 003	Batch ID: 3179	TestNo: SW8082		Analysis Date: 7/2/2002	SeqNo: 75993
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aroclor 1016	0.3064	0.090	0.3729	0	82.2 30 150 0 0
Aroclor 1260	0.3389	0.18	0.3729	0	90.9 30 150 0 0
Sample ID: 0206160-005BMSD	SampType: MSD	TestCode: PCB_SOIL	Units: mg/Kg-dry	Prep Date: 6/30/2002	Run ID: GC-ECD_020701A
Client ID: HAS SP30 003	Batch ID: 3179	TestNo: SW8082		Analysis Date: 7/2/2002	SeqNo: 75994
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aroclor 1016	0.3324	0.089	0.3704	0	89.7 30 150 0.3064 8.12 25
Aroclor 1260	0.3495	0.18	0.3704	0	94.4 30 150 0.3389 3.08 25

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3143

Sample ID: IMBS1 06/26/02	SampType: MBLK	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 6/26/2002	Run ID: ICPMS_020628A						
Client ID: ZZZZZ	Batch ID: 3143	TestNo: SW6020		Analysis Date: 6/28/2002	SeqNo: 74499						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.272	0.50									J
Arsenic	ND	0.25									
Beryllium	ND	0.25									
Cadmium	ND	0.25									
Chromium	0.284	0.50									J
Copper	ND	0.50									
Lead	0.3035	0.25									
Nickel	ND	0.50									
Selenium	ND	0.50									
Silver	0.1865	0.50									J
Thallium	0.435	0.50									J
Zinc	ND	2.5									

Sample ID: ILCSS1 06/26/02	SampType: LCS	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 6/26/2002	Run ID: ICPMS_020628A						
Client ID: ZZZZZ	Batch ID: 3143	TestNo: SW6020		Analysis Date: 6/28/2002	SeqNo: 74500						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	23.9	0.50	25	0	95.6	80	120	0	0		
Arsenic	24.02	0.25	25	0	96.1	80	120	0	0		
Beryllium	23.64	0.25	25	0	94.5	80	120	0	0		
Cadmium	23.97	0.25	25	0	95.9	80	120	0	0		
Chromium	24.36	0.50	25	0	97.4	80	120	0	0		
Copper	23.3	0.50	25	0	93.2	80	120	0	0		
Lead	23.96	0.25	25	0	95.8	80	120	0	0		B
Nickel	23.88	0.50	25	0	95.5	80	120	0	0		
Selenium	22.8	0.50	25	0	91.2	80	120	0	0		
Silver	24.42	0.50	25	0	97.7	80	120	0	0		
Thallium	22.68	0.50	25	0	90.7	80	120	0	0		
Zinc	22.48	2.5	25	0	89.9	80	120	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3143

Sample ID: ILCSDS1 06/26/02	SampType: LCSD	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 6/26/2002			Run ID: ICPMS_020628A				
Client ID: ZZZZZ	Batch ID: 3143	TestNo: SW6020		Analysis Date: 6/28/2002			SeqNo: 74501				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	24.4	0.50	25	0.272	96.5	80	120	23.9	2.11	20	
Arsenic	24.4	0.25	25	0	97.6	80	120	24.02	1.53	20	
Beryllium	23.64	0.25	25	0	94.6	80	120	23.64	0.0106	20	
Cadmium	24.46	0.25	25	0	97.9	80	120	23.97	2.05	20	
Chromium	24.8	0.50	25	0.284	98	80	120	24.36	1.76	20	
Copper	23.95	0.50	25	0	95.8	80	120	23.3	2.74	20	
Lead	24.52	0.25	25	0.3035	96.9	80	120	23.96	2.33	20	B
Nickel	24.21	0.50	25	0	96.8	80	120	23.88	1.35	20	
Selenium	23.22	0.50	25	0	92.9	80	120	22.8	1.83	20	
Silver	25.02	0.50	25	0.1865	99.4	80	120	24.42	2.46	20	
Thallium	23.36	0.50	25	0.435	91.7	80	120	22.68	2.95	20	
Zinc	22.81	2.5	25	0	91.2	80	120	22.48	1.48	20	
Sample ID: 0206160-007BMS	SampType: MS	TestCode: M_ICPMS_S	Units: mg/Kg-dry	Prep Date: 6/26/2002			Run ID: ICPMS_020628A				
Client ID: HAS SP31 002	Batch ID: 3143	TestNo: SW6020		Analysis Date: 6/28/2002			SeqNo: 74519				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	6.007	1.2	29.77	0.8813	17.2	75	125	0	0		S
Arsenic	42.97	0.60	29.77	16.46	89	75	125	0	0		
Beryllium	26.47	0.60	29.77	0.864	86	75	125	0	0		
Cadmium	28.15	0.60	29.77	0.2407	93.8	75	125	0	0		
Chromium	45.71	1.2	29.77	19.53	88	75	125	0	0		
Copper	57.58	1.2	29.77	35.85	73	75	125	0	0		S
Nickel	61.86	1.2	29.77	38.91	77.1	75	125	0	0		
Selenium	27.3	1.2	29.77	0	91.7	75	125	0	0		
Silver	27.77	1.2	29.77	0.4768	91.7	75	125	0	0		
Zinc	70.14	6.0	29.77	47.85	74.9	75	125	0	0		S

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell

Work Order: 0206160

Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3143

Sample ID: 0206160-007BMS	SampType: MS	TestCode: M_ICPMS_S	Units: mg/Kg-dry	Prep Date: 6/26/2002	Run ID: ICPMS_020629A
Client ID: HAS SP31 002	Batch ID: 3143	TestNo: SW6020	Analysis Date: 6/29/2002		SeqNo: 75066
Analyte					
Lead	Result	PQL	SPK value	SPK Ref Val	%REC
Thallium	55.02	0.60	29.77	26.19	96.9
	29.1	1.2	29.77	1.046	94.2
Analyte					
Antimony	7.035	1.2	29.88	0.8813	20.6
Arsenic	43.56	0.60	29.88	16.46	90.7
Beryllium	25.8	0.60	29.88	0.864	83.4
Cadmium	28.08	0.60	29.88	0.2407	93.2
Chromium	43.88	1.2	29.88	19.53	81.5
Copper	57.52	1.2	29.88	35.85	72.5
Nickel	61.38	1.2	29.88	38.91	75.2
Selenium	26.57	1.2	29.88	0	88.9
Silver	27.7	1.2	29.88	0.4768	91.1
Zinc	69.39	6.0	29.88	47.85	72.1
Analyte					
Antimony	55.26	0.60	29.88	26.19	97.3
Thallium	29.09	1.2	29.88	1.046	93.8
Analyte					
Antimony	27.29	1.2	28.93	0.8813	91.3
Copper	59.55	1.2	28.93	35.85	81.9

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3143

Sample ID: 0206160-007BPDS	SampType: PDS	TestCode: M_ICPMS_S	Units: mg/Kg-dry	Prep Date: 6/26/2002	Run ID: ICPMS_020628A
Client ID: HAS SP31 002	Batch ID: 3143	TestNo: SW6020		Analysis Date: 6/28/2002	SeqNo: 74521
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Zinc	69.73	5.8	28.93	47.85	75.6
					75
					125
					0
					0
					Qual

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3150

Sample ID:	06/26/02	SampType:	MBLK	TestCode:	M_HG_SOLI	Units:	mg/Kg	Prep Date:	6/26/2002	Run ID:	CETAC_020627B	
Client ID:	zzzzz	Batch ID:	3150	TestNo:	SW7471A			Analysis Date:	6/27/2002	SeqNo:	73933	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		ND		0.025								
Sample ID: HGLCSS1 06/26/02		SampType:	LCS	TestCode:	M_HG_SOLI	Units:	mg/Kg	Prep Date:	6/26/2002	Run ID:	CETAC_020627B	
Client ID:	zzzzz	Batch ID:	3150	TestNo:	SW7471A			Analysis Date:	6/27/2002	SeqNo:	73934	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.246	0.025	0.25	0	98.4	80	120	0	0	0	
Sample ID: HGLCSDS1 06/26/02		SampType:	LCSD	TestCode:	M_HG_SOLI	Units:	mg/Kg	Prep Date:	6/26/2002	Run ID:	CETAC_020627B	
Client ID:	zzzzz	Batch ID:	3150	TestNo:	SW7471A			Analysis Date:	6/27/2002	SeqNo:	73935	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.242	0.025	0.25	0	96.8	80	120	0.246	1.64	20	
Sample ID: 0206147-005BMS		SampType:	MS	TestCode:	M_HG_SOLI	Units:	mg/Kg-dry	Prep Date:	6/26/2002	Run ID:	CETAC_020627B	
Client ID:	zzzzz	Batch ID:	3150	TestNo:	SW7471A			Analysis Date:	6/27/2002	SeqNo:	73943	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.2764	0.026	0.2597	0.02574	96.5	75	125	0	0	0	
Sample ID: 0206160-003BMS		SampType:	MS	TestCode:	M_HG_SOLI	Units:	mg/Kg-dry	Prep Date:	6/26/2002	Run ID:	CETAC_020627B	
Client ID:	HAS SP30 001	Batch ID:	3150	TestNo:	SW7471A			Analysis Date:	6/27/2002	SeqNo:	73952	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury		0.3335	0.028	0.277	0.07423	93.6	75	125	0	0	0	
Sample ID: 0206147-005BMSD		SampType:	MSD	TestCode:	M_HG_SOLI	Units:	mg/Kg-dry	Prep Date:	6/26/2002	Run ID:	CETAC_020627B	
Client ID:	zzzzz	Batch ID:	3150	TestNo:	SW7471A			Analysis Date:	6/27/2002	SeqNo:	73944	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3150

Sample ID: 0206147-005BMSD	SampType: MSD	TestCode: M_HG_SOLI	Units: mg/Kg-dry	Prep Date: 6/26/2002	Run ID: CETAC_020627B
Client ID: ZZZZZ	Batch ID: 3150	TestNo: SW7471A		Analysis Date: 6/27/2002	SeqNo: 73944
Analyte					
Mercury	Result	PQL	SPK value	SPK Ref Val	%REC
Mercury	0.2968	0.026	0.2621	0.02574	103
LowLimit					
75					
HighLimit					
125					
RPD Ref Val					
0.2764					
%RPD					
7.12					
RPDLimit					
20					
Sample ID: 0206160-003BMSD	SampType: MSD	TestCode: M_HG_SOLI	Units: mg/Kg-dry	Prep Date: 6/26/2002	Run ID: CETAC_020627B
Client ID: HAS SP30 001	Batch ID: 3150	TestNo: SW7471A		Analysis Date: 6/27/2002	SeqNo: 73953
Analyte					
Mercury	Result	PQL	SPK value	SPK Ref Val	%REC
Mercury	0.3345	0.027	0.2655	0.07423	98
LowLimit					
75					
HighLimit					
125					
RPD Ref Val					
0.3335					
%RPD					
0.304					
RPDLimit					
20					

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CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3176

Sample ID: MB-3176-SVOC	SampType: MBLK	TestCode: SVOC_SOIL-	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-2_020701B						
Client ID: ZZZZZ	Batch ID: 3176	TestNo: SW8270C		Analysis Date: 7/1/2002	SeqNo: 75640						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bis(2-chloroethoxy)methane	ND	0.33									
Bis(2-chloroethyl)ether	ND	0.33									
Bis(2-ethylhexyl)phthalate	ND	0.33									
4-Bromophenyl phenyl ether	ND	0.33									
Butyl benzyl phthalate	ND	0.33									
Carbazole	ND	0.33									
4-Chloro-3-methylphenol	ND	0.33									
4-Chloroaniline	ND	0.33									
2-Chloronaphthalene	ND	0.33									
2-Chlorophenol	ND	0.33									
4-Chlorophenyl phenyl ether	ND	0.33									
Dibenzofuran	ND	0.33									
1,2-Dichlorobenzene	ND	0.33									
1,3-Dichlorobenzene	ND	0.33									
1,4-Dichlorobenzene	ND	0.33									
3,3'-Dichlorobenzidine	ND	0.66									
2,4-Dichlorophenol	ND	0.33									
Diethyl phthalate	ND	0.33									
Dimethyl phthalate	ND	0.33									
Di-n-butyl phthalate	ND	0.33									
2,4-Dimethylphenol	ND	0.33									
4,6-Dinitro-2-methylphenol	ND	1.6									
2,4-Dinitrophenol	ND	1.6									
2,4-Dinitrotoluene	ND	0.25									
2,6-Dinitrotoluene	ND	0.25									
Di-n-octyl phthalate	ND	0.33									
Hexachlorobenzene	ND	0.33									
Hexachlorobutadiene	ND	0.33									
Hexachlorocyclopentadiene	ND	0.33									
Hexachloroethane	ND	0.33									
Isophorone	ND	0.33									

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CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3176

Sample ID: MB-3176-SVOC	SampType: MBLK	TestCode: SVOC_SOIL-	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-2_020701B
Client ID: ZZZZZ	Batch ID: 3176	TestNo: SW8270C		Analysis Date: 7/1/2002	SeqNo: 75640
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
2-Methylnaphthalene	ND	0.33			
2-Methylphenol	ND	0.33			
4-Methylphenol	ND	0.33			
2-Nitroaniline	ND	1.6			
3-Nitroaniline	ND	1.6			
4-Nitroaniline	ND	1.6			
Nitrobenzene	ND	0.33			
2-Nitrophenol	ND	1.6			
4-Nitrophenol	ND	1.6			
N-Nitrosodi-n-propylamine	ND	0.33			
N-Nitrosodiphenylamine	ND	0.33			
2, 2'-oxybis(1-Chloropropane)	ND	0.33			
Pentachlorophenol	ND	1.6			
Phenol	ND	0.33			
1,2,4-Trichlorobenzene	ND	0.33			
2,4,5-Trichlorophenol	ND	0.66			
2,4,6-Trichlorophenol	ND	0.33			

Sample ID: LCS-3176-SVOC	SampType: LCS	TestCode: SVOC_SOIL-	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-2_020701B
Client ID: ZZZZZ	Batch ID: 3176	TestNo: SW8270C		Analysis Date: 7/1/2002	SeqNo: 75641
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
4-Chloro-3-methylphenol	2.612	0.33	3.333	0	78.4 26 103 0 0
2-Chlorophenol	2.489	0.33	3.333	0	74.7 25 102 0 0
1,4-Dichlorobenzene	1.074	0.33	1.667	0	64.4 28 104 0 0
2,4-Dinitrotoluene	1.207	0.25	1.667	0	72.4 28 89 0 0
4-Nitrophenol	2.489	1.6	3.333	0	74.7 11 114 0 0
N-Nitrosodi-n-propylamine	1.33	0.33	1.667	0	79.8 41 126 0 0
Pentachlorophenol	2.29	1.6	3.333	0	68.7 17 109 0 0
Phenol	2.471	0.33	3.333	0	74.1 26 90 0 0
1,2,4-Trichlorobenzene	1.135	0.33	1.667	0	68.1 38 107 0 0

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B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3177

Sample ID: MB-3177-PNA	SampType: MBLK	TestCode: PNA_SOIL	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-4_020703A						
Client ID: ZZZZZ	Batch ID: 3177	TestNo: SW8270(SIM)		Analysis Date: 7/1/2002	SeqNo: 76779						
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual											
Acenaphthene	ND	0.025									
Acenaphthylene	ND	0.025									
Anthracene	ND	0.025									
Benz(a)anthracene	ND	0.025									
Benzo(a)pyrene	ND	0.025									
Benzo(b)fluoranthene	ND	0.025									
Benzo(g,h,i)perylene	ND	0.025									
Benzo(k)fluoranthene	ND	0.025									
Chrysene	ND	0.025									
Dibenz(a,h)anthracene	ND	0.025									
Fluoranthene	ND	0.025									
Fluorene	ND	0.025									
Indeno(1,2,3-cd)pyrene	ND	0.025									
Naphthalene	ND	0.025									
Phenanthrene	ND	0.025									
Pyrene	ND	0.025									

Sample ID: LCS-3177-PNA	SampType: LCS	TestCode: PNA_SOIL	Units: mg/Kg	Prep Date: 6/29/2002	Run ID: SVOC-4_020703A						
Client ID: ZZZZZ	Batch ID: 3177	TestNo: SW8270(SIM)		Analysis Date: 7/1/2002	SeqNo: 76783						
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual											
Acenaphthene	0.1517	0.025	0.167	0	90.8	30	130	0	0		
Acenaphthylene	0.1567	0.025	0.167	0	93.8	30	130	0	0		
Anthracene	0.1553	0.025	0.167	0	93	30	130	0	0		
Benz(a)anthracene	0.158	0.025	0.167	0	94.6	30	130	0	0		
Benzo(a)pyrene	0.161	0.025	0.167	0	96.4	30	130	0	0		
Benzo(b)fluoranthene	0.1847	0.025	0.167	0	111	30	130	0	0		
Benzo(g,h,i)perylene	0.19	0.025	0.167	0	114	30	130	0	0		
Benzo(k)fluoranthene	0.152	0.025	0.167	0	91	30	130	0	0		
Chrysene	0.1583	0.025	0.167	0	94.8	30	130	0	0		
Dibenz(a,h)anthracene	0.2037	0.025	0.167	0	122	30	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3177

Sample ID: LCS-3177-PNA	SampType: LCS	TestCode: PNA_SOIL		Units: mg/Kg		Prep Date: 6/29/2002			Run ID: SVOC-4_020703A		
Client ID: ZZZZZ	Batch ID: 3177	TestNo: SW8270(SIM)			Analysis Date: 7/1/2002			SeqNo: 76783			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	0.1583	0.025	0.167	0	94.8	30	130	0	0	0	
Fluorene	0.151	0.025	0.167	0	90.4	30	130	0	0	0	
Indeno(1,2,3-cd)pyrene	0.1903	0.025	0.167	0	114	30	130	0	0	0	
Naphthalene	0.128	0.025	0.167	0	76.6	30	130	0	0	0	
Phenanthrene	0.147	0.025	0.167	0	88	30	130	0	0	0	
Pyrene	0.156	0.025	0.167	0	93.4	30	130	0	0	0	

Sample ID: 0206160-007BMS	SampType: MS	TestCode: PNA_SOIL-B		Units: mg/Kg-dry		Prep Date: 6/29/2002			Run ID: SVOC-4_020703A		
Client ID: HAS SP31 002	Batch ID: 3177	TestNo: SW8270(SIM)			Analysis Date: 7/3/2002			SeqNo: 76741			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.2056	0.030	0.2028	0.01805	92.5	30	130	0	0	0	
Acenaphthylene	0.2011	0.030	0.2028	0.006153	96.2	30	130	0	0	0	
Anthracene	0.2246	0.030	0.2028	0.02748	97.2	30	130	0	0	0	
Benz(a)anthracene	0.3088	0.030	0.2028	0.1046	101	30	130	0	0	0	
Benzo(b)fluoranthene	0.3347	0.030	0.2028	0.09312	119	30	130	0	0	0	
Benzo(k)fluoranthene	0.2752	0.030	0.2028	0.08614	93.2	30	130	0	0	0	
Benzo(g,h,i)perylene	0.2902	0.030	0.2028	0.07014	109	30	130	0	0	0	
Benzo(a)pyrene	0.3456	0.030	0.2028	0.1218	110	30	130	0	0	0	
Chrysene	0.3056	0.030	0.2028	0.09927	102	30	130	0	0	0	
Dibenz(a,h)anthracene	0.2695	0.030	0.2028	0.02707	120	30	130	0	0	0	
Fluoranthene	0.4092	0.030	0.2028	0.1797	113	30	130	0	0	0	E
Fluorene	0.2117	0.030	0.2028	0.01846	95.3	30	130	0	0	0	
Indeno(1,2,3-cd)pyrene	0.293	0.030	0.2028	0.06768	111	30	130	0	0	0	
Naphthalene	0.1943	0.030	0.2028	0.03364	79.2	30	130	0	0	0	
Phenanthrene	0.2578	0.030	0.2028	0.05497	100	30	130	0	0	0	
Pyrene	0.4132	0.030	0.2028	0.178	116	30	130	0	0	0	E

Qualifiers: ND - Not Detected at the Reporting Limit
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CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3177

Sample ID: 0206160-007BMSD	SampType: MSD	TestCode: PNA_SOIL-B Units: mg/Kg-dry			Prep Date: 6/29/2002			Run ID: SVOC-4_020703A			
Client ID: HAS SP31 002	Batch ID: 3177	TestNo: SW8270(SIM)			Analysis Date: 7/3/2002			SeqNo: 76742			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.2064	0.031	0.2052	0.01805	91.8	30	130	0.2056	0.393	50	
Acenaphthylene	0.2035	0.031	0.2052	0.006153	96.2	30	130	0.2011	1.18	50	
Anthracene	0.2351	0.031	0.2052	0.02748	101	30	130	0.2246	4.55	50	
Benz(a)anthracene	0.3452	0.031	0.2052	0.1046	117	30	130	0.3088	11.1	50	
Benzo(b)fluoranthene	0.3833	0.031	0.2052	0.09312	141	30	130	0.3347	13.5	50	S
Benzo(k)fluoranthene	0.2994	0.031	0.2052	0.08614	104	30	130	0.2752	8.41	50	
Benzo(g,h,i)perylene	0.2912	0.031	0.2052	0.07014	108	30	130	0.2902	0.343	50	
Benzo(a)pyrene	0.3854	0.031	0.2052	0.1218	128	30	130	0.3456	10.9	50	
Chrysene	0.3428	0.031	0.2052	0.09927	119	30	130	0.3056	11.5	50	
Dibenz(a,h)anthracene	0.276	0.031	0.2052	0.02707	121	30	130	0.2695	2.38	50	
Fluoranthene	0.4685	0.031	0.2052	0.1797	141	30	130	0.4092	13.5	50	SE
Fluorene	0.2109	0.031	0.2052	0.01846	93.8	30	130	0.2117	0.358	50	
Indeno(1,2,3-cd)pyrene	0.3039	0.031	0.2052	0.06768	115	30	130	0.293	3.64	50	
Naphthalene	0.1908	0.031	0.2052	0.03364	76.6	30	130	0.1943	1.78	50	
Phenanthrene	0.265	0.031	0.2052	0.05497	102	30	130	0.2578	2.74	50	
Pyrene	0.4681	0.031	0.2052	0.178	141	30	130	0.4132	12.5	50	SE

Qualifiers:
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B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2967

Sample ID: 0206127-012AMS	SampType: MS	TestCode: VOC_ENCOR Units: mg/Kg-dry			Prep Date: 6/18/2002			Run ID: VOA-2_020629A			
Client ID: ZZZZZ	Batch ID: 2967	TestNo: SW5035/8260			Analysis Date: 6/29/2002			SeqNo: 74833			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.1747	0.056	0.1121	0	156	70	130	0	0		S
Benzene	0.1061	0.011	0.1121	0	94.7	37	151	0	0		
Bromodichloromethane	0.1065	0.011	0.1121	0	95	70	130	0	0		
Bromoform	0.1031	0.011	0.1121	0	91.9	70	130	0	0		
Bromomethane	0.1014	0.022	0.1121	0	90.4	70	130	0	0		
2-Butanone	0.1208	0.022	0.1121	0	108	70	130	0	0		
Carbon disulfide	0.1246	0.011	0.1121	0	111	70	130	0	0		
Carbon tetrachloride	0.1103	0.011	0.1121	0	98.4	70	130	0	0		
Chlorobenzene	0.09499	0.011	0.1121	0	84.7	37	160	0	0		
Chloroethane	0.1272	0.022	0.1121	0	113	70	130	0	0		
Chloroform	0.1053	0.011	0.1121	0	93.9	70	130	0	0		
Chloromethane	0.126	0.011	0.1121	0	112	70	130	0	0		
Dibromochloromethane	0.09984	0.011	0.1121	0	89.1	70	130	0	0		
1,1-Dichloroethane	0.1023	0.011	0.1121	0	91.3	70	130	0	0		
1,2-Dichloroethane	0.1084	0.011	0.1121	0	96.7	70	130	0	0		
1,1-Dichloroethene	0.1197	0.011	0.1121	0	107	0	234	0	0		
cis-1,2-Dichloroethene	0.1085	0.011	0.1121	0	96.8	70	130	0	0		
trans-1,2-Dichloroethene	0.1116	0.011	0.1121	0	99.5	70	130	0	0		
1,2-Dichloropropane	0.1057	0.011	0.1121	0	94.3	70	130	0	0		
cis-1,3-Dichloropropene	0.1006	0.011	0.1121	0	89.7	70	130	0	0		
trans-1,3-Dichloropropene	0.1104	0.011	0.1121	0	98.4	70	130	0	0		
Ethylbenzene	0.09885	0.011	0.1121	0	88.2	70	130	0	0		
2-Hexanone	0.1128	0.022	0.1121	0	101	70	130	0	0		
4-Methyl-2-pentanone	0.104	0.022	0.1121	0	92.8	70	130	0	0		
Methylene chloride	0.1209	0.022	0.1121	0	108	70	130	0	0		
Styrene	0.088	0.011	0.1121	0	78.5	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.08367	0.011	0.1121	0	74.6	70	130	0	0		
Tetrachloroethene	0.09233	0.011	0.1121	0	82.4	70	130	0	0		
Toluene	0.09934	0.011	0.1121	0	88.6	47	150	0	0		
1,1,1-Trichloroethane	0.113	0.011	0.1121	0	101	70	130	0	0		
1,1,2-Trichloroethane	0.1016	0.011	0.1121	0	90.6	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2967

Sample ID: 0206127-012AMS	SampType: MS	TestCode: VOC_ENCODR Units: mg/Kg-dry			Prep Date: 6/18/2002			Run ID: VOA-2_020629A			
Client ID: ZZZZZ	Batch ID: 2967	TestNo: SW5035/8260			Analysis Date: 6/29/2002			SeqNo: 74833			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	0.1086	0.011	0.1121	0	96.9	71	157	0	0		
Vinyl chloride	0.09244	0.011	0.1121	0	82.5	70	130	0	0		
m,p-Xylene	0.1969	0.011	0.2242	0.002135	86.9	70	130	0	0		
o-Xylene	0.1022	0.011	0.1121	0	91.2	70	130	0	0		
Sample ID: 0206127-012AMSD	SampType: MSD	TestCode: VOC_ENCODR Units: mg/Kg-dry			Prep Date: 6/18/2002			Run ID: VOA-2_020629A			
Client ID: ZZZZZ	Batch ID: 2967	TestNo: SW5035/8260			Analysis Date: 6/29/2002			SeqNo: 74834			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.1672	0.052	0.1042	0	161	70	130	0.1747	4.35	25	S
Benzene	0.1063	0.010	0.1042	0	102	37	151	0.1061	0.179	25	
Bromodichloromethane	0.1044	0.010	0.1042	0	100	70	130	0.1065	2.00	25	
Bromoform	0.09707	0.010	0.1042	0	93.2	70	130	0.1031	5.99	25	
Bromomethane	0.09851	0.021	0.1042	0	94.5	70	130	0.1014	2.87	25	
2-Butanone	0.1175	0.021	0.1042	0	113	70	130	0.1208	2.74	25	
Carbon disulfide	0.1152	0.010	0.1042	0	111	70	130	0.1246	7.79	25	
Carbon tetrachloride	0.11	0.010	0.1042	0	106	70	130	0.1103	0.264	25	
Chlorobenzene	0.09128	0.010	0.1042	0	87.6	37	160	0.09499	3.99	25	
Chloroethane	0.1227	0.021	0.1042	0	118	70	130	0.1272	3.57	25	
Chloroform	0.102	0.010	0.1042	0	97.9	70	130	0.1053	3.22	25	
Chloromethane	0.12	0.010	0.1042	0	115	70	130	0.126	4.81	25	
Dibromochloromethane	0.09945	0.010	0.1042	0	95.4	70	130	0.09984	0.388	25	
1,1-Dichloroethane	0.1009	0.010	0.1042	0	96.9	70	130	0.1023	1.33	25	
1,2-Dichloroethane	0.1064	0.010	0.1042	0	102	70	130	0.1084	1.87	25	
1,1-Dichloroethene	0.1152	0.010	0.1042	0	111	0	234	0.1197	3.86	25	
cis-1,2-Dichloroethene	0.1038	0.010	0.1042	0	99.6	70	130	0.1085	4.39	25	
trans-1,2-Dichloroethene	0.108	0.010	0.1042	0	104	70	130	0.1116	3.25	25	
1,2-Dichloropropane	0.1034	0.010	0.1042	0	99.3	70	130	0.1057	2.20	25	
cis-1,3-Dichloropropene	0.09972	0.010	0.1042	0	95.7	70	130	0.1006	0.877	25	
trans-1,3-Dichloropropene	0.1049	0.010	0.1042	0	101	70	130	0.1104	5.04	25	
Ethylbenzene	0.09493	0.010	0.1042	0	91.1	70	130	0.09885	4.05	25	

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2967

Sample ID: 0206127-012AMSD SampType: MSD		TestCode: VOC_ENCOR Units: mg/Kg-dry			Prep Date: 6/18/2002			Run ID: VOA-2_020629A			
Client ID: ZZZZZ	Batch ID: 2967	TestNo: SW5035/8260			Analysis Date: 6/29/2002			SeqNo: 74834			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	0.109	0.021	0.1042	0	105	70	130	0.1128	3.47	25	
4-Methyl-2-pentanone	0.1032	0.021	0.1042	0	99	70	130	0.104	0.777	25	
Methylene chloride	0.1138	0.021	0.1042	0	109	70	130	0.1209	6.02	25	
Styrene	0.08447	0.010	0.1042	0	81.1	70	130	0.088	4.10	25	
1,1,2,2-Tetrachloroethane	0.0844	0.010	0.1042	0	81	70	130	0.08367	0.871	25	
Tetrachloroethene	0.09286	0.010	0.1042	0	89.1	70	130	0.09233	0.582	25	
Toluene	0.09868	0.010	0.1042	0	94.7	47	150	0.09934	0.671	25	
1,1,1-Trichloroethane	0.1123	0.010	0.1042	0	108	70	130	0.113	0.632	25	
1,1,2-Trichloroethane	0.09851	0.010	0.1042	0	94.5	70	130	0.1016	3.09	25	
Trichloroethene	0.1058	0.010	0.1042	0	102	71	157	0.1086	2.61	25	
Vinyl chloride	0.09476	0.010	0.1042	0	90.9	70	130	0.09244	2.48	25	
m,p-Xylene	0.1913	0.010	0.2084	0.002135	90.7	70	130	0.1969	2.90	25	
o-Xylene	0.09828	0.010	0.1042	0	94.3	70	130	0.1022	3.92	25	

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2992

Sample ID: 0206134-001AMS	SampType: MS	TestCode: VOC_ENCOD			Units: mg/Kg-dry	Prep Date: 6/19/2002			Run ID: VOA-2_020627B		
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260				Analysis Date: 6/27/2002			SeqNo: 73849		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.1594	0.038	0.07586	0.02873	172	70	130	0	0		S
Benzene	0.0699	0.0076	0.07586	0	92.1	37	151	0	0		
Bromodichloromethane	0.0649	0.0076	0.07586	0	85.6	70	130	0	0		
Bromoform	0.05486	0.0076	0.07586	0	72.3	70	130	0	0		
Bromomethane	0.07461	0.015	0.07586	0	98.4	70	130	0	0		
2-Butanone	0.1017	0.015	0.07586	0	134	70	130	0	0		S
Carbon disulfide	0.08359	0.0076	0.07586	0.0009222	109	70	130	0	0		
Carbon tetrachloride	0.07543	0.0076	0.07586	0	99.4	70	130	0	0		
Chlorobenzene	0.06305	0.0076	0.07586	0	83.1	37	160	0	0		
Chloroethane	0.08705	0.015	0.07586	0	115	70	130	0	0		
Chloroform	0.06929	0.0076	0.07586	0	91.3	70	130	0	0		
Chloromethane	0.08376	0.0076	0.07586	0	110	70	130	0	0		
Dibromochloromethane	0.05463	0.0076	0.07586	0	72	70	130	0	0		
1,1-Dichloroethane	0.07064	0.0076	0.07586	0	93.1	70	130	0	0		
1,2-Dichloroethane	0.06979	0.0076	0.07586	0	92	70	130	0	0		
1,1-Dichloroethene	0.08048	0.0076	0.07586	0	106	0	234	0	0		
cis-1,2-Dichloroethene	0.07229	0.0076	0.07586	0	95.3	70	130	0	0		
trans-1,2-Dichloroethene	0.07683	0.0076	0.07586	0	101	70	130	0	0		
1,2-Dichloropropane	0.06768	0.0076	0.07586	0	89.2	70	130	0	0		
cis-1,3-Dichloropropene	0.06141	0.0076	0.07586	0	81	70	130	0	0		
trans-1,3-Dichloropropene	0.06214	0.0076	0.07586	0	81.9	70	130	0	0		
Ethylbenzene	0.07106	0.0076	0.07586	0	93.7	70	130	0	0		
2-Hexanone	0.07483	0.015	0.07586	0	98.6	70	130	0	0		
4-Methyl-2-pentanone	0.07144	0.015	0.07586	0	94.2	70	130	0	0		
Methylene chloride	0.07757	0.015	0.07586	0	102	70	130	0	0		
Styrene	0.05641	0.0076	0.07586	0	74.4	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.05336	0.0076	0.07586	0	70.3	70	130	0	0		
Tetrachloroethene	0.06164	0.0076	0.07586	0	81.3	70	130	0	0		
Toluene	0.0619	0.0076	0.07586	0	81.6	47	150	0	0		
1,1,1-Trichloroethane	0.07716	0.0076	0.07586	0	102	70	130	0	0		
1,1,2-Trichloroethane	0.05589	0.0076	0.07586	0	73.7	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2992

Sample ID: 0206134-001AMS		SampType: MS	TestCode: VOC_ENCOD			Units: mg/Kg-dry	Prep Date: 6/19/2002			Run ID: VOA-2_020627B		
Client ID: ZZZZZ		Batch ID: 2992	TestNo: SW5035/8260				Analysis Date: 6/27/2002			SeqNo: 73849		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Trichloroethene	0.06557	0.0076	0.07586	0	86.4	71	157	0	0			
Vinyl chloride	0.07595	0.0076	0.07586	0	100	70	130	0	0			
m,p-Xylene	0.1421	0.0076	0.1517	0	93.6	70	130	0	0			
o-Xylene	0.06983	0.0076	0.07586	0	92.1	70	130	0	0			

Sample ID: 0206134-011AMS		SampType: MS	TestCode: VOC_ENCOD			Units: mg/Kg-dry	Prep Date: 6/19/2002			Run ID: VOA-2_020627B		
Client ID: ZZZZZ		Batch ID: 2992	TestNo: SW5035/8260				Analysis Date: 6/27/2002			SeqNo: 73851		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Acetone	0.1212	0.035	0.0691	0	175	70	130	0	0		S	
Benzene	0.05853	0.0069	0.0691	0	84.7	37	151	0	0			
Bromodichloromethane	0.05431	0.0069	0.0691	0	78.6	70	130	0	0			
Bromoform	0.0499	0.0069	0.0691	0	72.2	70	130	0	0			
Bromomethane	0.06482	0.014	0.0691	0	93.8	70	130	0	0			
2-Butanone	0.07246	0.014	0.0691	0	105	70	130	0	0			
Carbon disulfide	0.06446	0.0069	0.0691	0	93.3	70	130	0	0			
Carbon tetrachloride	0.06252	0.0069	0.0691	0	90.5	70	130	0	0			
Chlorobenzene	0.05311	0.0069	0.0691	0	76.9	37	160	0	0			
Chloroethane	0.07332	0.014	0.0691	0	106	70	130	0	0			
Chloroform	0.05727	0.0069	0.0691	0	82.9	70	130	0	0			
Chloromethane	0.07593	0.0069	0.0691	0	110	70	130	0	0			
Dibromochloromethane	0.04747	0.0069	0.0691	0	68.7	70	130	0	0		S	
1,1-Dichloroethane	0.05723	0.0069	0.0691	0	82.8	70	130	0	0			
1,2-Dichloroethane	0.05709	0.0069	0.0691	0	82.6	70	130	0	0			
1,1-Dichloroethene	0.06574	0.0069	0.0691	0	95.1	0	234	0	0			
cis-1,2-Dichloroethene	0.0573	0.0069	0.0691	0	82.9	70	130	0	0			
trans-1,2-Dichloroethene	0.06015	0.0069	0.0691	0	87	70	130	0	0			
1,2-Dichloropropane	0.0576	0.0069	0.0691	0	83.4	70	130	0	0			
cis-1,3-Dichloropropene	0.05122	0.0069	0.0691	0	74.1	70	130	0	0			
trans-1,3-Dichloropropene	0.04898	0.0069	0.0691	0	70.9	70	130	0	0			
Ethylbenzene	0.05945	0.0069	0.0691	0	86	70	130	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell

Work Order: 0206160

Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2992

Sample ID: 0206134-011AMS	SampType: MS	TestCode: VOC_ENCOR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627B			
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73851			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	0.06284	0.014	0.0691	0	90.9	70	130	0	0		
4-Methyl-2-pentanone	0.06209	0.014	0.0691	0	89.9	70	130	0	0		
Methylene chloride	0.06603	0.014	0.0691	0	95.6	70	130	0	0		
Styrene	0.04621	0.0069	0.0691	0	66.9	70	130	0	0		S
1,1,2,2-Tetrachloroethane	0.05236	0.0069	0.0691	0	75.8	70	130	0	0		
Tetrachloroethene	0.04874	0.0069	0.0691	0	70.5	70	130	0	0		
Toluene	0.05107	0.0069	0.0691	0	73.9	47	150	0	0		
1,1,1-Trichloroethane	0.06559	0.0069	0.0691	0	94.9	70	130	0	0		
1,1,2-Trichloroethane	0.05017	0.0069	0.0691	0	72.6	70	130	0	0		
Trichloroethene	0.05318	0.0069	0.0691	0	77	71	157	0	0		
Vinyl chloride	0.05409	0.0069	0.0691	0	78.3	70	130	0	0		
m,p-Xylene	0.121	0.0069	0.1382	0	87.6	70	130	0	0		
o-Xylene	0.06258	0.0069	0.0691	0	90.6	70	130	0	0		
Sample ID: 0206134-001AMSD	SampType: MSD	TestCode: VOC_ENCOR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627B			
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73850			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.1035	0.029	0.05884	0.02873	127	70	130	0.1594	42.6	25	R
Benzene	0.04188	0.0059	0.05884	0	71.2	37	151	0.0699	50.1	25	R
Bromodichloromethane	0.03614	0.0059	0.05884	0	61.4	70	130	0.0649	56.9	25	SR
Bromoform	0.02454	0.0059	0.05884	0	41.7	70	130	0.05486	76.4	25	SR
Bromomethane	0.05331	0.012	0.05884	0	90.6	70	130	0.07461	33.3	25	R
2-Butanone	0.06579	0.012	0.05884	0	112	70	130	0.1017	42.8	25	R
Carbon disulfide	0.0524	0.0059	0.05884	0.0009222	87.5	70	130	0.08359	45.9	25	R
Carbon tetrachloride	0.04569	0.0059	0.05884	0	77.7	70	130	0.07543	49.1	25	R
Chlorobenzene	0.0317	0.0059	0.05884	0	53.9	37	160	0.06305	66.2	25	R
Chloroethane	0.06018	0.012	0.05884	0	102	70	130	0.08705	36.5	25	R
Chloroform	0.04122	0.0059	0.05884	0	70.1	70	130	0.06929	50.8	25	R
Chloromethane	0.0588	0.0059	0.05884	0	99.9	70	130	0.08376	35.0	25	R
Dibromochloromethane	0.02818	0.0059	0.05884	0	47.9	70	130	0.05463	63.9	25	SR

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2992

Sample ID: 0206134-001AMSD SampType: MSD		TestCode: VOC_ENCOR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627B			
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73850			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	0.04308	0.0059	0.05884	0	73.2	70	130	0.07064	48.5	25	R
1,2-Dichloroethane	0.04007	0.0059	0.05884	0	68.1	70	130	0.06979	54.1	25	SR
1,1-Dichloroethene	0.04947	0.0059	0.05884	0	84.1	0	234	0.08048	47.7	25	R
cis-1,2-Dichloroethene	0.0427	0.0059	0.05884	0	72.6	70	130	0.07229	51.5	25	R
trans-1,2-Dichloroethene	0.04767	0.0059	0.05884	0	81	70	130	0.07683	46.8	25	R
1,2-Dichloropropane	0.03902	0.0059	0.05884	0	66.3	70	130	0.06768	53.7	25	SR
cis-1,3-Dichloropropene	0.03453	0.0059	0.05884	0	58.7	70	130	0.06141	56.1	25	SR
trans-1,3-Dichloropropene	0.03322	0.0059	0.05884	0	56.5	70	130	0.06214	60.7	25	SR
Ethylbenzene	0.03646	0.0059	0.05884	0	62	70	130	0.07106	64.4	25	SR
2-Hexanone	0.03943	0.012	0.05884	0	67	70	130	0.07483	62.0	25	SR
4-Methyl-2-pentanone	0.04007	0.012	0.05884	0	68.1	70	130	0.07144	56.3	25	SR
Methylene chloride	0.04935	0.012	0.05884	0	83.9	70	130	0.07757	44.5	25	R
Styrene	0.02739	0.0059	0.05884	0	46.6	70	130	0.05641	69.2	25	SR
1,1,2,2-Tetrachloroethane	0.02432	0.0059	0.05884	0	41.3	70	130	0.05336	74.8	25	SR
Tetrachloroethene	0.03508	0.0059	0.05884	0	59.6	70	130	0.06164	54.9	25	SR
Toluene	0.03494	0.0059	0.05884	0	59.4	47	150	0.0619	55.7	25	R
1,1,1-Trichloroethane	0.04706	0.0059	0.05884	0	80	70	130	0.07716	48.5	25	R
1,1,2-Trichloroethane	0.03089	0.0059	0.05884	0	52.5	70	130	0.05589	57.6	25	SR
Trichloroethene	0.03773	0.0059	0.05884	0	64.1	71	157	0.06557	53.9	25	SR
Vinyl chloride	0.04909	0.0059	0.05884	0	83.4	70	130	0.07595	43.0	25	R
m,p-Xylene	0.07326	0.0059	0.1177	0	62.3	70	130	0.1421	63.9	25	SR
o-Xylene	0.03603	0.0059	0.05884	0	61.2	70	130	0.06983	63.9	25	SR

Sample ID: 0206134-011AMSD SampType: MSD		TestCode: VOC_ENCOR Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627B			
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73853			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	0.154	0.032	0.06429	0	240	70	130	0.1212	23.9	25	S
Benzene	0.04995	0.0064	0.06429	0	77.7	37	151	0.05853	15.8	25	
Bromodichloromethane	0.04389	0.0064	0.06429	0	68.3	70	130	0.05431	21.2	25	S
Bromoform	0.0381	0.0064	0.06429	0	59.3	70	130	0.0499	26.8	25	SR

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 2992

Sample ID: 0206134-011AMSD	SampType: MSD	TestCode: VOC_ENCOD Units: mg/Kg-dry			Prep Date: 6/19/2002			Run ID: VOA-2_020627B			
Client ID: ZZZZZ	Batch ID: 2992	TestNo: SW5035/8260			Analysis Date: 6/27/2002			SeqNo: 73853			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	0.06617	0.013	0.06429	0	103	70	130	0.06482	2.06	25	
2-Butanone	0.06636	0.013	0.06429	0	103	70	130	0.07246	8.79	25	
Carbon disulfide	0.06117	0.0064	0.06429	0	95.1	70	130	0.06446	5.24	25	
Carbon tetrachloride	0.05776	0.0064	0.06429	0	89.8	70	130	0.06252	7.92	25	
Chlorobenzene	0.04482	0.0064	0.06429	0	69.7	37	160	0.05311	16.9	25	
Chloroethane	0.07093	0.013	0.06429	0	110	70	130	0.07332	3.31	25	
Chloroform	0.05088	0.0064	0.06429	0	79.1	70	130	0.05727	11.8	25	
Chloromethane	0.0734	0.0064	0.06429	0	114	70	130	0.07593	3.39	25	
Dibromochloromethane	0.03377	0.0064	0.06429	0	52.5	70	130	0.04747	33.7	25	SR
1,1-Dichloroethane	0.05255	0.0064	0.06429	0	81.7	70	130	0.05723	8.52	25	
1,2-Dichloroethane	0.04633	0.0064	0.06429	0	72.1	70	130	0.05709	20.8	25	
1,1-Dichloroethene	0.06153	0.0064	0.06429	0	95.7	0	234	0.06574	6.63	25	
cis-1,2-Dichloroethene	0.05066	0.0064	0.06429	0	78.8	70	130	0.0573	12.3	25	
trans-1,2-Dichloroethene	0.05497	0.0064	0.06429	0	85.5	70	130	0.06015	8.99	25	
1,2-Dichloropropane	0.04857	0.0064	0.06429	0	75.5	70	130	0.0576	17.0	25	
cis-1,3-Dichloropropene	0.03899	0.0064	0.06429	0	60.6	70	130	0.05122	27.1	25	SR
trans-1,3-Dichloropropene	0.03537	0.0064	0.06429	0	55	70	130	0.04898	32.3	25	SR
Ethylbenzene	0.05393	0.0064	0.06429	0	83.9	70	130	0.05945	9.75	25	
2-Hexanone	0.04817	0.013	0.06429	0	74.9	70	130	0.06284	26.4	25	R
4-Methyl-2-pentanone	0.05102	0.013	0.06429	0	79.4	70	130	0.06209	19.6	25	
Methylene chloride	0.06227	0.013	0.06429	0	96.9	70	130	0.06603	5.86	25	
Styrene	0.03699	0.0064	0.06429	0	57.5	70	130	0.04621	22.2	25	S
1,1,2,2-Tetrachloroethane	0.04481	0.0064	0.06429	0	69.7	70	130	0.05236	15.5	25	S
Tetrachloroethene	0.04014	0.0064	0.06429	0	62.4	70	130	0.04874	19.4	25	S
Toluene	0.04162	0.0064	0.06429	0	64.7	47	150	0.05107	20.4	25	
1,1,1-Trichloroethane	0.06037	0.0064	0.06429	0	93.9	70	130	0.06559	8.29	25	
1,1,2-Trichloroethane	0.0377	0.0064	0.06429	0	58.6	70	130	0.05017	28.4	25	SR
Trichloroethene	0.04427	0.0064	0.06429	0	68.9	71	157	0.05318	18.3	25	S
Vinyl chloride	0.05511	0.0064	0.06429	0	85.7	70	130	0.05409	1.86	25	
m,p-Xylene	0.1074	0.0064	0.1286	0	83.6	70	130	0.121	11.9	25	
o-Xylene	0.05737	0.0064	0.06429	0	89.2	70	130	0.06258	8.68	25	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3789

Sample ID: VBLK062702A-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-2_020627B						
Client ID: ZZZZZ	Batch ID: R3789	TestNo: SW5035/8260		Analysis Date: 6/27/2002	SeqNo: 73847						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.0050									
1,1,2,2-Tetrachloroethane	ND	0.0050									
1,1,2-Trichloroethane	ND	0.0050									
1,1-Dichloroethane	ND	0.0050									
1,1-Dichloroethene	ND	0.0050									
1,2-Dichloroethane	ND	0.0050									
1,2-Dichloropropane	ND	0.0050									
2-Butanone	ND	0.010									
2-Hexanone	ND	0.010									
4-Methyl-2-pentanone	ND	0.010									
Acetone	ND	0.025									
Benzene	ND	0.0050									
Bromodichloromethane	ND	0.0050									
Bromoform	ND	0.0050									
Bromomethane	ND	0.010									
Carbon disulfide	ND	0.0050									
Carbon tetrachloride	ND	0.0050									
Chlorobenzene	ND	0.0050									
Chloroethane	ND	0.010									
Chloroform	ND	0.0050									
Chloromethane	ND	0.010									
cis-1,2-Dichloroethene	ND	0.0050									
cis-1,3-Dichloropropene	ND	0.0050									
Dibromochloromethane	ND	0.0050									
Ethylbenzene	ND	0.0050									
m,p-Xylene	ND	0.0050									
Methylene chloride	ND	0.010									
o-Xylene	ND	0.0050									
Styrene	ND	0.0050									
Tetrachloroethene	ND	0.0050									
Toluene	ND	0.0050									

Qualifiers: ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3789

Sample ID: VBLK062702A-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-2_020627B				
Client ID: ZZZZZ	Batch ID: R3789	TestNo: SW5035/8260		Analysis Date: 6/27/2002			SeqNo: 73847				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0050									
trans-1,3-Dichloropropene	ND	0.0050									
Trichloroethene	ND	0.0050									
Vinyl chloride	ND	0.0050									
Sample ID: VLCS062702A-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-2_020627B				
Client ID: ZZZZZ	Batch ID: R3789	TestNo: SW5035/8260		Analysis Date: 6/27/2002			SeqNo: 73848				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.04647	0.0050	0.05	0	92.9	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.04315	0.0050	0.05	0	86.3	70	130	0	0		
1,1,2-Trichloroethane	0.04407	0.0050	0.05	0	88.1	70	130	0	0		
1,1-Dichloroethane	0.04215	0.0050	0.05	0	84.3	70	130	0	0		
1,1-Dichloroethene	0.04662	0.0050	0.05	0	93.2	70	130	0	0		
1,2-Dichloroethane	0.04488	0.0050	0.05	0	89.8	70	130	0	0		
1,2-Dichloropropane	0.04542	0.0050	0.05	0	90.8	70	130	0	0		
2-Butanone	0.04493	0.010	0.05	0	89.9	70	130	0	0		
2-Hexanone	0.04449	0.010	0.05	0	89	70	130	0	0		
4-Methyl-2-pentanone	0.04282	0.010	0.05	0	85.6	70	130	0	0		
Acetone	0.04789	0.025	0.05	0	95.8	70	130	0	0		
Benzene	0.04446	0.0050	0.05	0	88.9	70	130	0	0		
Bromodichloromethane	0.04566	0.0050	0.05	0	91.3	70	130	0	0		
Bromoform	0.0491	0.0050	0.05	0	98.2	70	130	0	0		
Bromomethane	0.03571	0.010	0.05	0	71.4	70	130	0	0		
Carbon disulfide	0.04922	0.0050	0.05	0	98.4	70	130	0	0		
Carbon tetrachloride	0.04553	0.0050	0.05	0	91.1	70	130	0	0		
Chlorobenzene	0.04718	0.0050	0.05	0	94.4	70	130	0	0		
Chloroethane	0.04629	0.010	0.05	0	92.6	70	130	0	0		
Chloroform	0.04388	0.0050	0.05	0	87.8	70	130	0	0		
Chloromethane	0.04246	0.010	0.05	0	84.9	70	130	0	0		
cis-1,2-Dichloroethene	0.04484	0.0050	0.05	0	89.7	70	130	0	0		

Qualifiers:
 ND - Not Detected at the Reporting Limit
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 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3789

Sample ID: VLCS062702A-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:				Run ID: VOA-2_020627B			
Client ID: ZZZZZ	Batch ID: R3789	TestNo: SW5035/8260		Analysis Date: 6/27/2002				SeqNo: 73848			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	0.04656	0.0050	0.05	0	93.1	70	130	0	0		
Dibromochloromethane	0.04595	0.0050	0.05	0	91.9	70	130	0	0		
Ethylbenzene	0.04685	0.0050	0.05	0	93.7	70	130	0	0		
m,p-Xylene	0.09482	0.0050	0.1	0	94.8	70	130	0	0		
Methylene chloride	0.04695	0.010	0.05	0	93.9	70	130	0	0		
o-Xylene	0.04752	0.0050	0.05	0	95	70	130	0	0		
Styrene	0.04732	0.0050	0.05	0	94.6	70	130	0	0		
Tetrachloroethene	0.04406	0.0050	0.05	0	88.1	70	130	0	0		
Toluene	0.0441	0.0050	0.05	0	88.2	70	130	0	0		
trans-1,2-Dichloroethene	0.04646	0.0050	0.05	0	92.9	70	130	0	0		
trans-1,3-Dichloropropene	0.05223	0.0050	0.05	0	104	70	130	0	0		
Trichloroethene	0.04528	0.0050	0.05	0	90.6	70	130	0	0		
Vinyl chloride	0.03985	0.0050	0.05	0	79.7	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3797

Sample ID: VBLK062802-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-2_020628A						
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260		Analysis Date: 6/28/2002	SeqNo: 74034						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.0050									
1,1,2,2-Tetrachloroethane	ND	0.0050									
1,1,2-Trichloroethane	ND	0.0050									
1,1-Dichloroethane	ND	0.0050									
1,1-Dichloroethene	ND	0.0050									
1,2-Dichloroethane	ND	0.0050									
1,2-Dichloropropane	ND	0.0050									
2-Butanone	ND	0.010									
2-Hexanone	ND	0.010									
4-Methyl-2-pentanone	ND	0.010									
Acetone	ND	0.025									
Benzene	ND	0.0050									
Bromodichloromethane	ND	0.0050									
Bromoform	ND	0.0050									
Bromomethane	ND	0.010									
Carbon disulfide	ND	0.0050									
Carbon tetrachloride	ND	0.0050									
Chlorobenzene	ND	0.0050									
Chloroethane	ND	0.010									
Chloroform	ND	0.0050									
Chloromethane	ND	0.010									
cis-1,2-Dichloroethene	ND	0.0050									
cis-1,3-Dichloropropene	ND	0.0050									
Dibromochloromethane	ND	0.0050									
Ethylbenzene	ND	0.0050									
m,p-Xylene	ND	0.0050									
Methylene chloride	ND	0.010									
o-Xylene	ND	0.0050									
Styrene	ND	0.0050									
Tetrachloroethene	ND	0.0050									
Toluene	ND	0.0050									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3797

Sample ID: VBLK062802-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-2_020628A				
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260		Analysis Date: 6/28/2002			SeqNo: 74034				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0050									
trans-1,3-Dichloropropene	ND	0.0050									
Trichloroethene	ND	0.0050									
Vinyl chloride	ND	0.0050									
Sample ID: VLCS062802-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-2_020628A				
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260		Analysis Date: 6/28/2002			SeqNo: 74037				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.04984	0.0050	0.05	0	99.7	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.04585	0.0050	0.05	0	91.7	70	130	0	0		
1,1,2-Trichloroethane	0.0469	0.0050	0.05	0	93.8	70	130	0	0		
1,1-Dichloroethane	0.0449	0.0050	0.05	0	89.8	70	130	0	0		
1,1-Dichloroethene	0.04894	0.0050	0.05	0	97.9	70	130	0	0		
1,2-Dichloroethane	0.04908	0.0050	0.05	0	98.2	70	130	0	0		
1,2-Dichloropropane	0.04762	0.0050	0.05	0	95.2	70	130	0	0		
2-Butanone	0.04674	0.010	0.05	0	93.5	70	130	0	0		
2-Hexanone	0.04689	0.010	0.05	0	93.8	70	130	0	0		
4-Methyl-2-pentanone	0.04548	0.010	0.05	0	91	70	130	0	0		
Acetone	0.04708	0.025	0.05	0	94.2	70	130	0	0		
Benzene	0.04784	0.0050	0.05	0	95.7	70	130	0	0		
Bromodichloromethane	0.04976	0.0050	0.05	0	99.5	70	130	0	0		
Bromoform	0.05247	0.0050	0.05	0	105	70	130	0	0		
Bromomethane	0.03824	0.010	0.05	0	76.5	70	130	0	0		
Carbon disulfide	0.05045	0.0050	0.05	0	101	70	130	0	0		
Carbon tetrachloride	0.0502	0.0050	0.05	0	100	70	130	0	0		
Chlorobenzene	0.05097	0.0050	0.05	0	102	70	130	0	0		
Chloroethane	0.05017	0.010	0.05	0	100	70	130	0	0		
Chloroform	0.04744	0.0050	0.05	0	94.9	70	130	0	0		
Chloromethane	0.04649	0.010	0.05	0	93	70	130	0	0		
cis-1,2-Dichloroethene	0.04829	0.0050	0.05	0	96.6	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell

Work Order: 0206160

Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3797

Sample ID: VLCS062802-2	SampType: LCS	TestCode: VOC_5035+ Units: mg/Kg			Prep Date:			Run ID: VOA-2_020628A			
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260			Analysis Date: 6/28/2002			SeqNo: 74037			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	0.05034	0.0050	0.05	0	101	70	130	0	0	0	
Dibromochloromethane	0.04932	0.0050	0.05	0	98.6	70	130	0	0	0	
Ethylbenzene	0.05041	0.0050	0.05	0	101	70	130	0	0	0	
m,p-Xylene	0.1034	0.0050	0.1	0	103	70	130	0	0	0	
Methylene chloride	0.04679	0.010	0.05	0	93.6	70	130	0	0	0	
o-Xylene	0.05144	0.0050	0.05	0	103	70	130	0	0	0	
Styrene	0.05058	0.0050	0.05	0	101	70	130	0	0	0	
Tetrachloroethene	0.04791	0.0050	0.05	0	95.8	70	130	0	0	0	
Toluene	0.04805	0.0050	0.05	0	96.1	70	130	0	0	0	
trans-1,2-Dichloroethene	0.04965	0.0050	0.05	0	99.3	70	130	0	0	0	
trans-1,3-Dichloropropene	0.05565	0.0050	0.05	0	111	70	130	0	0	0	
Trichloroethene	0.05019	0.0050	0.05	0	100	70	130	0	0	0	
Vinyl chloride	0.04062	0.0050	0.05	0	81.2	70	130	0	0	0	

Sample ID: VLCSD062802-2	SampType: LCS	TestCode: VOC_5035+ Units: mg/Kg			Prep Date:			Run ID: VOA-2_020628A			
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260			Analysis Date: 6/28/2002			SeqNo: 74040			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.04922	0.0050	0.05	0	98.4	70	130	0	0	0	
1,1,2,2-Tetrachloroethane	0.04477	0.0050	0.05	0	89.5	70	130	0	0	0	
1,1,2-Trichloroethane	0.04563	0.0050	0.05	0	91.3	70	130	0	0	0	
1,1-Dichloroethane	0.04535	0.0050	0.05	0	90.7	70	130	0	0	0	
1,1-Dichloroethene	0.04994	0.0050	0.05	0	99.9	70	130	0	0	0	
1,2-Dichloroethane	0.04803	0.0050	0.05	0	96.1	70	130	0	0	0	
1,2-Dichloropropane	0.04686	0.0050	0.05	0	93.7	70	130	0	0	0	
2-Butanone	0.05143	0.010	0.05	0	103	70	130	0	0	0	
2-Hexanone	0.04981	0.010	0.05	0	99.6	70	130	0	0	0	
4-Methyl-2-pentanone	0.04553	0.010	0.05	0	91.1	70	130	0	0	0	
Acetone	0.05068	0.025	0.05	0	101	70	130	0	0	0	
Benzene	0.04701	0.0050	0.05	0	94	70	130	0	0	0	
Bromodichloromethane	0.04847	0.0050	0.05	0	96.9	70	130	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3797

Sample ID: VLCSD062802-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-2_020628A				
Client ID: ZZZZZ	Batch ID: R3797	TestNo: SW5035/8260		Analysis Date: 6/28/2002			SeqNo: 74040				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	0.05171	0.0050	0.05	0	103	70	130	0	0	0	
Bromomethane	0.038	0.010	0.05	0	76	70	130	0	0	0	
Carbon disulfide	0.05115	0.0050	0.05	0	102	70	130	0	0	0	
Carbon tetrachloride	0.04988	0.0050	0.05	0	99.8	70	130	0	0	0	
Chlorobenzene	0.05134	0.0050	0.05	0	103	70	130	0	0	0	
Chloroethane	0.04954	0.010	0.05	0	99.1	70	130	0	0	0	
Chloroform	0.04713	0.0050	0.05	0	94.3	70	130	0	0	0	
Chloromethane	0.04646	0.010	0.05	0	92.9	70	130	0	0	0	
cis-1,2-Dichloroethene	0.04868	0.0050	0.05	0	97.4	70	130	0	0	0	
cis-1,3-Dichloropropene	0.0491	0.0050	0.05	0	98.2	70	130	0	0	0	
Dibromochloromethane	0.04855	0.0050	0.05	0	97.1	70	130	0	0	0	
Ethylbenzene	0.05152	0.0050	0.05	0	103	70	130	0	0	0	
m,p-Xylene	0.1052	0.0050	0.1	0	105	70	130	0	0	0	
Methylene chloride	0.04676	0.010	0.05	0	93.5	70	130	0	0	0	
o-Xylene	0.05114	0.0050	0.05	0	102	70	130	0	0	0	
Styrene	0.05064	0.0050	0.05	0	101	70	130	0	0	0	
Tetrachloroethene	0.04829	0.0050	0.05	0	96.6	70	130	0	0	0	
Toluene	0.04747	0.0050	0.05	0	94.9	70	130	0	0	0	
trans-1,2-Dichloroethene	0.04896	0.0050	0.05	0	97.9	70	130	0	0	0	
trans-1,3-Dichloropropene	0.05566	0.0050	0.05	0	111	70	130	0	0	0	
Trichloroethene	0.04982	0.0050	0.05	0	99.6	70	130	0	0	0	
Vinyl chloride	0.03994	0.0050	0.05	0	79.9	70	130	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3819

Sample ID: VBLK062902-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:	Run ID: VOA-2_020629A						
Client ID: ZZZZZ	Batch ID: R3819	TestNo: SW5035/8260		Analysis Date: 6/29/2002	SeqNo: 74819						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	0.0050									
1,1,2,2-Tetrachloroethane	ND	0.0050									
1,1,2-Trichloroethane	ND	0.0050									
1,1-Dichloroethane	ND	0.0050									
1,1-Dichloroethene	ND	0.0050									
1,2-Dichloroethane	ND	0.0050									
1,2-Dichloropropane	ND	0.0050									
2-Butanone	ND	0.010									
2-Hexanone	ND	0.010									
4-Methyl-2-pentanone	ND	0.010									
Acetone	ND	0.025									
Benzene	ND	0.0050									
Bromodichloromethane	ND	0.0050									
Bromoform	ND	0.0050									
Bromomethane	ND	0.010									
Carbon disulfide	ND	0.0050									
Carbon tetrachloride	ND	0.0050									
Chlorobenzene	ND	0.0050									
Chloroethane	ND	0.010									
Chloroform	ND	0.0050									
Chloromethane	ND	0.010									
cis-1,2-Dichloroethene	ND	0.0050									
cis-1,3-Dichloropropene	ND	0.0050									
Dibromochloromethane	ND	0.0050									
Ethylbenzene	ND	0.0050									
m,p-Xylene	0.00131	0.0050									J
Methylene chloride	ND	0.010									
o-Xylene	ND	0.0050									
Styrene	ND	0.0050									
Tetrachloroethene	ND	0.0050									
Toluene	ND	0.0050									

Qualifiers: ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3819

Sample ID: VBLK062902-2	SampType: MBLK	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-2_020629A				
Client ID: ZZZZZ	Batch ID: R3819	TestNo: SW5035/8260		Analysis Date: 6/29/2002			SeqNo: 74819				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	0.0050									
trans-1,3-Dichloropropene	ND	0.0050									
Trichloroethene	ND	0.0050									
Vinyl chloride	ND	0.0050									
Sample ID: VLCS062902-2	SampType: LCS	TestCode: VOC_5035+	Units: mg/Kg	Prep Date:			Run ID: VOA-2_020629A				
Client ID: ZZZZZ	Batch ID: R3819	TestNo: SW5035/8260		Analysis Date: 6/29/2002			SeqNo: 74820				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	0.05071	0.0050	0.05	0	101	70	130	0	0		
1,1,2,2-Tetrachloroethane	0.04496	0.0050	0.05	0	89.9	70	130	0	0		
1,1,2-Trichloroethane	0.04821	0.0050	0.05	0	96.4	70	130	0	0		
1,1-Dichloroethane	0.0457	0.0050	0.05	0	91.4	70	130	0	0		
1,1-Dichloroethene	0.05188	0.0050	0.05	0	104	70	130	0	0		
1,2-Dichloroethane	0.04836	0.0050	0.05	0	96.7	70	130	0	0		
1,2-Dichloropropane	0.04771	0.0050	0.05	0	95.4	70	130	0	0		
2-Butanone	0.05121	0.010	0.05	0	102	70	130	0	0		
2-Hexanone	0.05054	0.010	0.05	0	101	70	130	0	0		
4-Methyl-2-pentanone	0.04812	0.010	0.05	0	96.2	70	130	0	0		
Acetone	0.05635	0.025	0.05	0	113	70	130	0	0		
Benzene	0.04851	0.0050	0.05	0	97	70	130	0	0		
Bromodichloromethane	0.05	0.0050	0.05	0	100	70	130	0	0		
Bromoform	0.05293	0.0050	0.05	0	106	70	130	0	0		
Bromomethane	0.03961	0.010	0.05	0	79.2	70	130	0	0		
Carbon disulfide	0.05255	0.0050	0.05	0	105	70	130	0	0		
Carbon tetrachloride	0.05119	0.0050	0.05	0	102	70	130	0	0		
Chlorobenzene	0.05157	0.0050	0.05	0	103	70	130	0	0		
Chloroethane	0.05253	0.010	0.05	0	105	70	130	0	0		
Chloroform	0.04804	0.0050	0.05	0	96.1	70	130	0	0		
Chloromethane	0.04972	0.010	0.05	0	99.4	70	130	0	0		
cis-1,2-Dichloroethene	0.0496	0.0050	0.05	0	99.2	70	130	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: R3819

Sample ID: VLCS062902-2	SampType: LCS	TestCode: VOC_5035+		Units: mg/Kg	Prep Date:			Run ID: VOA-2_020629A			
Client ID: ZZZZZ	Batch ID: R3819	TestNo: SW5035/8260			Analysis Date: 6/29/2002			SeqNo: 74820			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	0.04964	0.0050	0.05	0	99.3	70	130	0	0	0	
Dibromochloromethane	0.05017	0.0050	0.05	0	100	70	130	0	0	0	
Ethylbenzene	0.0517	0.0050	0.05	0	103	70	130	0	0	0	
m,p-Xylene	0.104	0.0050	0.1	0.00131	103	70	130	0	0	0	
Methylene chloride	0.0512	0.010	0.05	0	102	70	130	0	0	0	
o-Xylene	0.05172	0.0050	0.05	0	103	70	130	0	0	0	
Styrene	0.05064	0.0050	0.05	0	101	70	130	0	0	0	
Tetrachloroethene	0.04899	0.0050	0.05	0	98	70	130	0	0	0	
Toluene	0.04848	0.0050	0.05	0	97	70	130	0	0	0	
trans-1,2-Dichloroethene	0.05072	0.0050	0.05	0	101	70	130	0	0	0	
trans-1,3-Dichloropropene	0.05565	0.0050	0.05	0	111	70	130	0	0	0	
Trichloroethene	0.05063	0.0050	0.05	0	101	70	130	0	0	0	
Vinyl chloride	0.04328	0.0050	0.05	0	86.6	70	130	0	0	0	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0206160
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3154

Sample ID: TCNMBS2 062502	SampType: MBLK	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/25/2002	Run ID: LACHAT_020628B
Client ID: ZZZZZ	Batch ID: 3154	TestNo: SW9012A		Analysis Date: 6/28/2002	SeqNo: 74115
<hr/>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cyanide	0.1065	0.25			J
<hr/>					
Sample ID: TCNLCSDS2 062502	SampType: LCS	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/25/2002	Run ID: LACHAT_020628B
Client ID: ZZZZZ	Batch ID: 3154	TestNo: SW9012A		Analysis Date: 6/28/2002	SeqNo: 74116
<hr/>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cyanide	12.16	0.25	12.5	0.1065	96.4 90 110 0 0
<hr/>					
Sample ID: TCNLCSS2 062502	SampType: LCSD	TestCode: cn_Ts	Units: mg/Kg	Prep Date: 6/25/2002	Run ID: LACHAT_020628B
Client ID: ZZZZZ	Batch ID: 3154	TestNo: SW9012A		Analysis Date: 6/28/2002	SeqNo: 74117
<hr/>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cyanide	12.18	0.25	12.5	0.1065	96.6 90 110 12.16 0.148 20
<hr/>					
Sample ID: 0206139-026BMS	SampType: MS	TestCode: cn_Ts	Units: mg/Kg-dry	Prep Date: 6/25/2002	Run ID: LACHAT_020628B
Client ID: ZZZZZ	Batch ID: 3154	TestNo: SW9012A		Analysis Date: 6/28/2002	SeqNo: 74119
<hr/>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cyanide	14.82	0.30	14.75	0	100 75 125 0 0
<hr/>					
Sample ID: 0206139-026BMSD	SampType: MSD	TestCode: cn_Ts	Units: mg/Kg-dry	Prep Date: 6/25/2002	Run ID: LACHAT_020628B
Client ID: ZZZZZ	Batch ID: 3154	TestNo: SW9012A		Analysis Date: 6/28/2002	SeqNo: 74120
<hr/>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cyanide	14.55	0.29	14.6	0	99.6 75 125 14.82 1.89 20

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank



Request for Chemical Analysis and Chain of Custody Record

Burns & McDonnell Engineering
2601 W. 22nd St
Oak Brook, Illinois 60523
Phone: (630) 990-0300 Fax: (630) 990-0301

Attention: Margaret Kelley

Project Number: 29168

Site Name: Hawthorne Park 2

Laboratory: STAT Analysis

Address: 2201 W. Campbell Park Dr.

City/State/Zip: Chicago IL 60612

Telephone: 312-733-0551

Document Control No: HAS - DDT

Lab. Reference No. or Episode No.: 0206160

Project Number: 29168								Sample Type			Number of Containers	Parameter/Metric		
Site Name: Hawthorne Park 2								Matrix						
Sample Number		Sample Event		Sample Depth (in feet)		Sample Collected		Liquid	Solid	Gas				
Group or SWMU Name	Sample Point	Sample Designator	Round	Year	From	To	Date	Time						
HAS	SP29	001			2'	3'	6/26/92	8:15	✓		4	✓	/	
HAS	SP29	002			9'	10'		8:30	✓		4	✓	/	
HAS	SP30	001			1'	2'		8:50	✓		4	✓	/	
HAS	SP 30	002			8'	9'		9:10	✓		4	✓	/	
HAS	SP 30	003			12'	13'		9:25	✓		4	✓	/	
HAS	SP 31	001			1'	2'		9:45	✓		4	✓	/	
HAS	SP 31	002			7.5'	8.5'		10:15	✓		4	✓	/	
HAS	SP32	001			2'	3'		10:30	✓		4	✓	/	
HAS	SP32	002			9'	10'		10:40	✓		4	✓	/	
HAS	SP33	001			2'	3'		11:10	✓		4	✓	/	
HAS	SP33	002			X7'	8'		11:25	✓		4	✓	/	
HAS	SP34	001			1'	2'		11:45	✓		4	✓	/	
HAS	SP34	002			6'	7'		12:00	✓		4	✓	/	

Kla

Sampier (signature):

~~Christy Barry~~

Custody Seal Number
0620001
0620002

Special Instructions:

5 day turn around

Relinquished By (signature)
1. *Kathy Huben*

Date/Time

Received By 

Date/Time
10/20/02
2:15 PM

Ice Present In Container:
Yes No

Temperature Upon Receipt:

Relinquished By (signature):

Date/Tim

Received By (signature)

350
Date/Time

Laboratory Comments:

STAT Analysis Corporation

2201 West Campbell Park Drive Chicago, IL 60612-3547 312.733.0551 Fax:312.733.2386
e-mail address: STATinfo@STATAnalysis.com AIHA accredited 10248, NVLAP accredited 101202-0

August 22, 2002

Joan Gonzalez
Burns & McDonnell
2601 W. 22nd Street
OakBrook, IL 60523-1229
Telephone: (630) 990-0300
Fax: (630) 990-0301

RE: 29168, Hawthorne Parcel 2

STAT Project No: 0208092

Dear Joan Gonzalez:

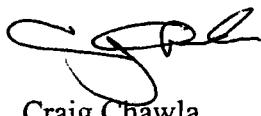
STAT Analysis received 4 samples for the referenced project on 8/15/2002. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except where noted in the Case Narrative.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla
Project Manager

Client: Burns & McDonnell
Project: 29168, Hawthorne Parcel 2
Lab Order: 0208092

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0208092-001A	HAS SP18 001	2'-3'	6/18/2002 6:05:00 PM	8/15/2002
0208092-002A	HAS SP33 001	2'-3'	6/20/2002 11:10:00 AM	8/15/2002
0208092-003A	HAS SP24 001	9'-10'	6/19/2002 11:45:00 AM	8/15/2002
0208092-004A	HAS SP34 002	6'-7'	6/20/2002 12:00:00 PM	8/15/2002

CLIENT: Burns & McDonnell
Project: 29168, Hawthorne Parcel 2
Lab Order: 0208092

CASE NARRATIVE

Sample HAS SP18 001 (0208092-001A) was formerly assigned STAT sample number 0206148-003B

Sample HAS SP33-001 (0208092-002A) was formerly assigned STAT sample number 0206160-010B

Sample HAS SP24-001 (0208092-003A) was formerly assigned STAT sample number 0206148-015B

Sample HAS SP34-002 (0208092-004A) was formerly assigned STAT sample number 0206160-013B

STAT Analysis Corporation

2201 West Campbell Park Drive Chicago, IL 60612-3547

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com



Date Reported: August 22, 2002

Date Printed: August 22, 2002

Client: Burns & McDonnell

Project: 29168, Hawthorne Parcel 2

Lab Order: 0208092

Lab ID: 0208092-001

Collection Date: 6/18/2002 6:05:00 PM

Client Sample ID: HAS SP18 001

Matrix: Soil

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
SPLP Metals by ICP/MS Lead	0.067	SW1312/6020 0.002	mg/L	2	Prep Date: 8/21/2002 Analyst: DI 8/21/2002
TCLP Metals by ICP/MS Lead	0.79	SW1311/6020 0.01	mg/L	10	Prep Date: 8/16/2002 Analyst: DRJ 8/19/2002

Lab ID: 0208092-002

Collection Date: 6/20/2002 11:10:00 AM

Client Sample ID: HAS SP33 001

Matrix: Soil

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
SPLP Metals by ICP/MS Lead	0.074	SW1312/6020 0.002	mg/L	2	Prep Date: 8/21/2002 Analyst: DI 8/21/2002
TCLP Metals by ICP/MS Lead	1.6	SW1311/6020 0.01	mg/L	10	Prep Date: 8/16/2002 Analyst: DRJ 8/19/2002

Lab ID: 0208092-003

Collection Date: 6/19/2002 11:45:00 AM

Client Sample ID: HAS SP24 001

Matrix: Soil

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
SPLP Metals by ICP/MS Lead	0.0022	SW1312/6020 0.002	mg/L	2	Prep Date: 8/21/2002 Analyst: DI 8/21/2002
TCLP Metals by ICP/MS Lead	0.14	SW1311/6020 0.01	mg/L	10	Prep Date: 8/16/2002 Analyst: DRJ 8/19/2002

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

STAT Analysis Corporation

2201 West Campbell Park Drive Chicago, IL 60612-3547

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com



Date Reported: August 22, 2002

Date Printed: August 22, 2002

Client:	Burns & McDonnell	
Project:	29168, Hawthorne Parcel 2	Lab Order: 0208092

Lab ID:	0208092-004	Collection Date: 6/20/2002 12:00:00 PM
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Client Sample ID:	HAS SP34 002	Matrix: Soil
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Analyses	Result	Limit Qual	Units	DF	Date Analyzed
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SPLP Metals by ICP/MS Lead	0.038	SW1312/6020 0.002	mg/L	2	Analyst: DI 8/21/2002
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TCLP Metals by ICP/MS Lead	0.32	SW1311/6020 0.01	mg/L	10	Analyst: DRJ 8/19/2002
-------------------------------	------	---------------------	------	----	---------------------------

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range

* Value exceeds Maximum Contaminant Level

Craig

From: "Diane Saftic" <dsafic@burnsmcd.com>
To: <CChawla@STATAnalysis.com>
Cc: "Joan Gonzalez" <jgonzalez.CHIPO.CHIDOM@burnsmcd.com>
Sent: Thursday, August 15, 2002 8:30 AM
Subject: Hawthorne - Parcel 2
Craig -

We would like to run TCLP and SPLP Lead on the following four samples collected at Hawthorne Parcel 2: SP18-001 (STAT Project: 0206148), SP33-001 (STAT Project: 0206160), SP24-001 (STAT Project: 0206148), and SP34-002 (STAT Project: 0206160). Please provide the results with a 10-day turn around time. If you have any questions, please call me at (630) 990-0302 ext 277.

Thanks,
Diane Saftic
Burns & McDonnell Engineering Company
> 2601 West 22nd Street
> Oak Brook, Illinois 60523
>

STAT Analysis Corporation**PREP BATCH REPORT**

Page: 1 of 1

Prep Start Date: 8/16/2002 1:00:00 P

Prep End Date: 8/16/2002 3:00:00 P

Prep Batch 3742 Prep Code: M_W_PREP Technician: ASM

Prep Factor Units:
mL / mL

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
IMBW1 08/16/02			50	0	0	50	1.000	8/16/2002	8/16/2002
ILCSW1 08/16/02			50	0	0	50	1.000	8/16/2002	8/16/2002
ILCSDW1 08/16/02			50	0	0	50	1.000	8/16/2002	8/16/2002
0208012-013C	Water		50	0	0	50	1.000	8/16/2002	8/16/2002
0208012-014C	Water		50	0	0	50	1.000	8/16/2002	8/16/2002
0208012-016C	Water		50	0	0	50	1.000	8/16/2002	8/16/2002
0208012-017C	Water		50	0	0	50	1.000	8/16/2002	8/16/2002
0208052-001A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208052-003A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208052-005A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208052-008A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208052-010A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208052-012A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208052-014A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208052-016A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208052-018A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208092-001A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208092-002A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208092-003A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208092-004A	Soil		50	0	0	50	1.000	8/16/2002	8/16/2002
0208094-001C	Water		50	0	0	50	1.000	8/16/2002	8/16/2002
0208094-001CMS	Water		50	0	0	50	1.000	8/16/2002	8/16/2002
0208094-001CMSD	Water		50	0	0	50	1.000	8/16/2002	8/16/2002

Prep Start Date: 8/22/2002 10:30:00

Prep End Date: 8/22/2002 1:00:00 P

Prep Batch 3777 Prep Code: M_W_PREP Technician: ASM

Prep Factor Units:
mL / mL

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
0208109-001A	Soil		50	0	0	50	1.000	8/21/2002	8/21/2002
0208092-001A	Soil		50	0	0	50	1.000	8/21/2002	8/21/2002
0208092-002A	Soil		50	0	0	50	1.000	8/21/2002	8/21/2002
0208092-003A	Soil		50	0	0	50	1.000	8/21/2002	8/21/2002
0208092-004A	Soil		50	0	0	50	1.000	8/21/2002	8/21/2002
0208092-003AMS	Soil		50	0	0	50	1.000	8/21/2002	8/21/2002
0208092-003AMSD	Soil		50	0	0	50	1.000	8/21/2002	8/21/2002
0208074-001B	Soil		50	0	0	50	1.000	8/22/2002	8/22/2002
0208117-001A	Soil		50	0	0	50	1.000	8/22/2002	8/22/2002
0208123-001A	Soil		50	0	0	50	1.000	8/22/2002	8/22/2002
IMBW1 08/21/02			50	0	0	50	1.000	8/21/2002	8/21/2002
ILCSW1 08/21/02			50	0	0	50	1.000	8/21/2002	8/21/2002
ILCSDW1 08/21/02			50	0	0	50	1.000	8/21/2002	8/21/2002
0208090-001A	Waste		50	0	0	50	1.000	8/21/2002	8/21/2002

CLIENT: Burns & McDonnell
Work Order: 0208092
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3742

Sample ID: IMBW1 08/16/02	SampType: MBLK	TestCode: M_ICPMS_W Units: mg/L			Prep Date: 8/16/2002			Run ID: ICPMS_020819A			
Client ID: ZZZZZ	Batch ID: 3742	TestNo: SW6020			Analysis Date: 8/19/2002			SeqNo: 89793			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0007	0.0010									J
<hr/>											
Sample ID: ILCSW1 08/16/02	SampType: LCS	TestCode: M_ICPMS_W Units: mg/L			Prep Date: 8/16/2002			Run ID: ICPMS_020819A			
Client ID: ZZZZZ	Batch ID: 3742	TestNo: SW6020			Analysis Date: 8/19/2002			SeqNo: 89794			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.4789	0.0010	0.5	0.0007	95.6	80	120	0	0		
<hr/>											
Sample ID: ILCSDW1 08/16/02	SampType: LCSD	TestCode: M_ICPMS_W Units: mg/L			Prep Date: 8/16/2002			Run ID: ICPMS_020819A			
Client ID: ZZZZZ	Batch ID: 3742	TestNo: SW6020			Analysis Date: 8/19/2002			SeqNo: 89795			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.4775	0.0010	0.5	0.0007	95.4	80	120	0.4789	0.293	20	
<hr/>											
Sample ID: 0208094-001CMS	SampType: MS	TestCode: M_ICPMS_W Units: mg/L			Prep Date: 8/16/2002			Run ID: ICPMS_020819A			
Client ID: ZZZZZ	Batch ID: 3742	TestNo: SW6020			Analysis Date: 8/19/2002			SeqNo: 89798			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.4947	0.0020	0.5	0.00097	98.7	75	125	0	0		
<hr/>											
Sample ID: 0208094-001CMSD	SampType: MSD	TestCode: M_ICPMS_W Units: mg/L			Prep Date: 8/16/2002			Run ID: ICPMS_020819A			
Client ID: ZZZZZ	Batch ID: 3742	TestNo: SW6020			Analysis Date: 8/19/2002			SeqNo: 89801			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.5057	0.0020	0.5	0.00097	101	75	125	0.4947	2.20	20	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Burns & McDonnell
Work Order: 0208092
Project: 29168, Hawthorne Parcel 2

ANALYTICAL QC SUMMARY REPORT

BatchID: 3777

Sample ID: 0208092-003AMS	SampType: MS	TestCode: M_ICPMS_S	Units: mg/L	Prep Date: 8/21/2002	Run ID: ICPMS_020821B						
Client ID: HAS SP24 001	Batch ID: 3777	TestNo: SW1312/6020		Analysis Date: 8/21/2002	SeqNo: 90486						
Analyte											
Lead	Result	PQL	SPK value	SPK Ref Val	%REC						
	0.5292	0.0020	0.5	0.00215	105	LowLimit 80	HighLimit 120	RPD Ref Val 0	%RPD 0	RPDLimit 0	Qual
Sample ID: 0208092-003AMSD	SampType: MSD	TestCode: M_ICPMS_S	Units: mg/L	Prep Date: 8/21/2002	Run ID: ICPMS_020821B						
Client ID: HAS SP24 001	Batch ID: 3777	TestNo: SW1312/6020		Analysis Date: 8/21/2002	SeqNo: 90487						
Analyte											
Lead	Result	PQL	SPK value	SPK Ref Val	%REC						
	0.5082	0.0020	0.5	0.00215	101	LowLimit 80	HighLimit 120	RPD Ref Val 0.5292	%RPD 4.05	RPDLimit 20	Qual
Sample ID: IMBW1 08/21/02	SampType: MBLK	TestCode: M_ICPMS_W	Units: mg/L	Prep Date: 8/21/2002	Run ID: ICPMS_020821B						
Client ID: ZZZZZ	Batch ID: 3777	TestNo: SW6020		Analysis Date: 8/21/2002	SeqNo: 90476						
Analyte											
Lead	Result	PQL	SPK value	SPK Ref Val	%REC						
	0.00089	0.0010									J
Sample ID: ILCSW1 08/21/02	SampType: LCS	TestCode: M_ICPMS_W	Units: mg/L	Prep Date: 8/21/2002	Run ID: ICPMS_020821B						
Client ID: ZZZZZ	Batch ID: 3777	TestNo: SW6020		Analysis Date: 8/21/2002	SeqNo: 90477						
Analyte											
Lead	Result	PQL	SPK value	SPK Ref Val	%REC						
	0.4712	0.0010	0.5	0.00089	94.1	LowLimit 80	HighLimit 120	RPD Ref Val 0	%RPD 0	RPDLimit 0	Qual
Sample ID: ILCSDW1 08/21/02	SampType: LCSD	TestCode: M_ICPMS_W	Units: mg/L	Prep Date: 8/21/2002	Run ID: ICPMS_020821B						
Client ID: ZZZZZ	Batch ID: 3777	TestNo: SW6020		Analysis Date: 8/21/2002	SeqNo: 90478						
Analyte											
Lead	Result	PQL	SPK value	SPK Ref Val	%REC						
	0.4796	0.0010	0.5	0.00089	95.7	LowLimit 80	HighLimit 120	RPD Ref Val 0.4712	%RPD 1.77	RPDLimit 20	Qual

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank